Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042822\
Data File : BN019550.D
Acq On : 27 Apr 2022 18:17
Operator : CG/JU
Sample : SSTDICC3.2
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Quant Time: Apr 28 02:20:46 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN042822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 28 02:19:34 2022
Response via : Initial Calibration

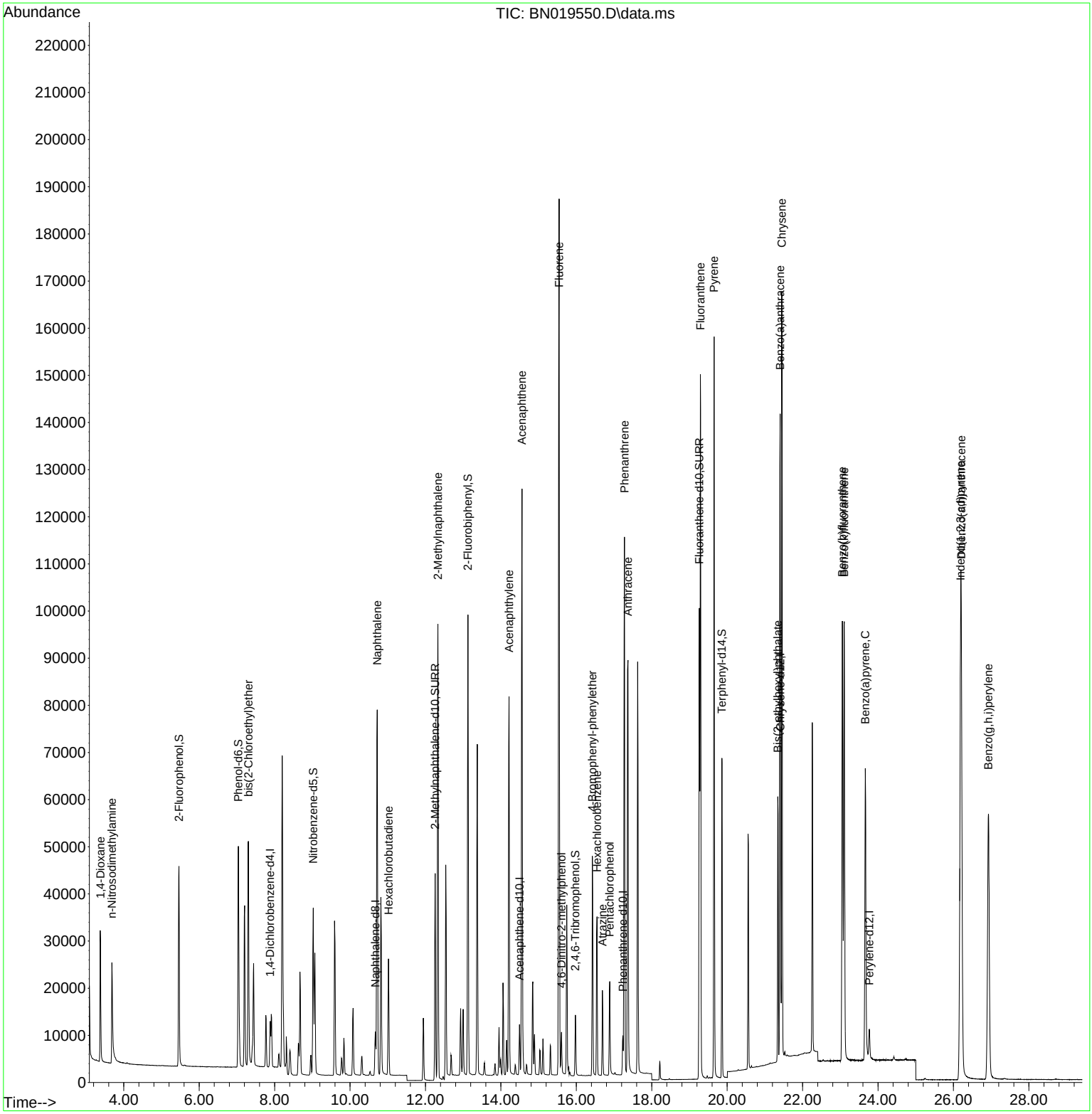
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.883	152	4820	0.400	ng		0.00
7) Naphthalene-d8	10.669	136	12089	0.400	ng		0.00
13) Acenaphthene-d10	14.495	164	6213	0.400	ng		0.00
19) Phenanthrene-d10	17.236	188	11676	0.400	ng		0.00
29) Chrysene-d12	21.413	240	10979	0.400	ng		0.00
35) Perylene-d12	23.770	264	9380	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.464	112	35888	3.476	ng		0.00
5) Phenol-d6	7.038	99	43660	3.708	ng		0.00
8) Nitrobenzene-d5	9.025	82	27957	3.194	ng		0.00
11) 2-Methylnaphthalene-d10	12.257	152	60257	3.072	ng		0.00
14) 2,4,6-Tribromophenol	15.974	330	6897	2.484	ng		-0.01
15) 2-Fluorobiphenyl	13.127	172	83184	3.359	ng		0.00
27) Fluoranthene-d10	19.261	212	108969	3.193	ng		0.00
31) Terphenyl-d14	19.860	244	74077	2.988	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.384	88	17203	2.712	ng		97
3) n-Nitrosodimethylamine	3.687	42	15561	2.647	ng	#	94
6) bis(2-Chloroethyl)ether	7.305	93	38331	3.094	ng		98
9) Naphthalene	10.722	128	109295	3.111	ng		99
10) Hexachlorobutadiene	11.021	225	20377	2.642	ng	#	100
12) 2-Methylnaphthalene	12.329	142	69844	3.052	ng		99
16) Acenaphthylene	14.217	152	94711	3.351	ng		99
17) Acenaphthene	14.559	154	65046	3.296	ng		98
18) Fluorene	15.543	166	79474	3.070	ng		99
20) 4,6-Dinitro-2-methylph...	15.607	198	6001	5.115	ng	#	75
21) 4-Bromophenyl-phenylether	16.425	248	23285	3.257	ng		96
22) Hexachlorobenzene	16.549	284	26255	2.948	ng		99
23) Atrazine	16.692	200	14293	2.825	ng		95
24) Pentachlorophenol	16.887	266	9885	5.657	ng		95
25) Phenanthrene	17.277	178	123989	3.364	ng		100
26) Anthracene	17.369	178	107539	3.609	ng		99
28) Fluoranthene	19.291	202	136789	3.239	ng		100
30) Pyrene	19.653	202	137026	2.634	ng		100
32) Benzo(a)anthracene	21.404	228	127538	3.735	ng		99
33) Chrysene	21.449	228	129446	2.999	ng		100
34) Bis(2-ethylhexyl)phtha...	21.342	149	54975	2.737	ng	#	100
36) Indeno(1,2,3-cd)pyrene	26.188	276	143029	3.947	ng		100
37) Benzo(b)fluoranthene	23.054	252	119541	3.312	ng	#	89
38) Benzo(k)fluoranthene	23.103	252	123091	3.195	ng	#	88
39) Benzo(a)pyrene	23.665	252	97219	3.059	ng	#	84
40) Dibenzo(a,h)anthracene	26.208	278	116361	4.303	ng		94
41) Benzo(g,h,i)perylene	26.927	276	121375	3.264	ng		97

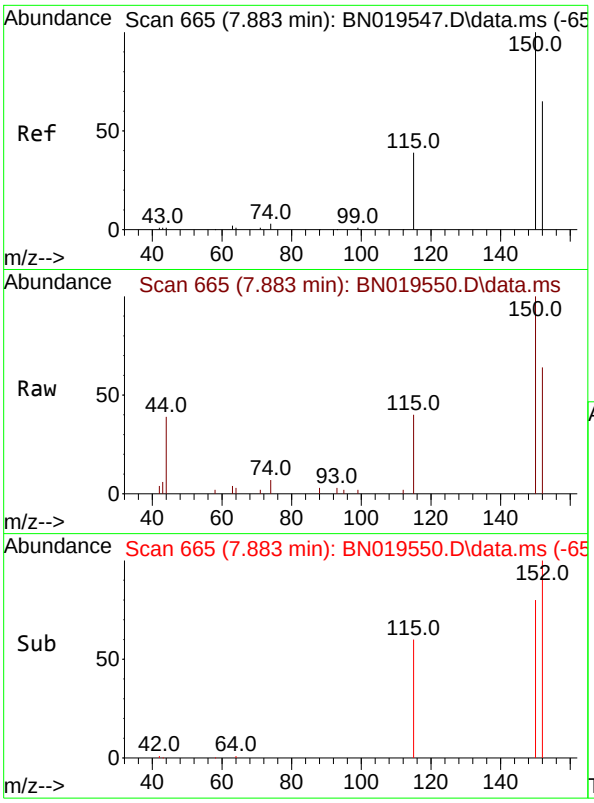
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042822\
Data File : BN019550.D
Acq On : 27 Apr 2022 18:17
Operator : CG/JU
Sample : SSTDICC3.2
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Quant Time: Apr 28 02:20:46 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN042822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 28 02:19:34 2022
Response via : Initial Calibration



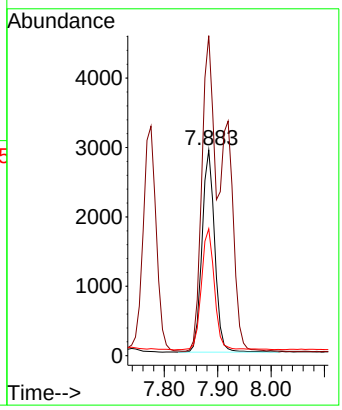


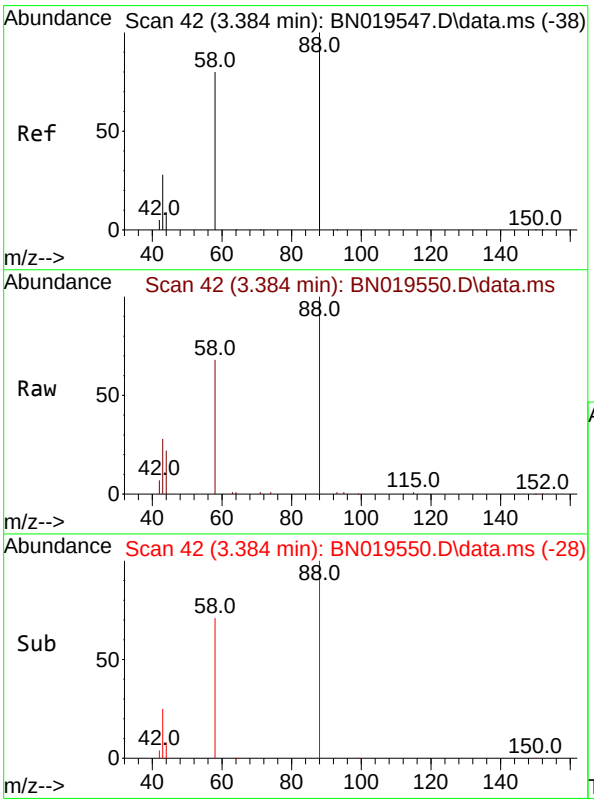
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.883 min Scan# 6
Delta R.T. 0.000 min
Lab File: BN019550.D
Acq: 27 Apr 2022 18:17

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:152 Resp: 4820

Ion	Ratio	Lower	Upper
152	100		
150	155.6	122.6	183.8
115	61.7	49.0	73.6

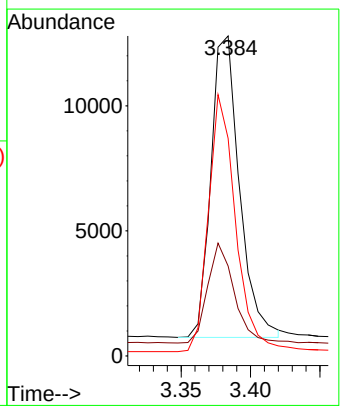


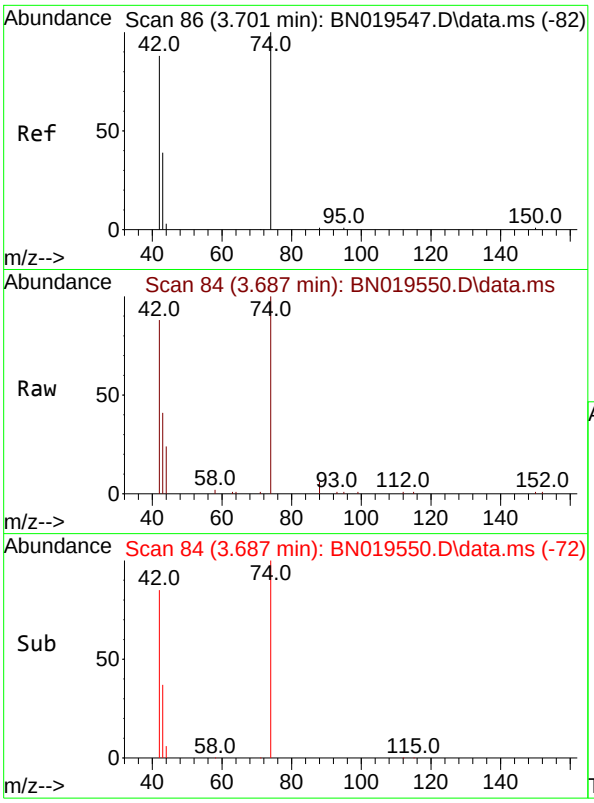


#2
1,4-Dioxane
Concen: 2.712 ng
RT: 3.384 min Scan# 42
Delta R.T. 0.000 min
Lab File: BN019550.D
Acq: 27 Apr 2022 18:17

Tgt Ion: 88 Resp: 17203

Ion	Ratio	Lower	Upper
88	100		
43	30.8	25.2	37.8
58	80.9	67.6	101.4



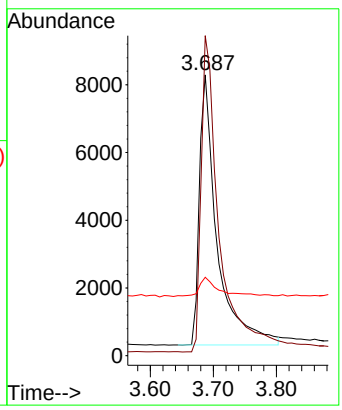


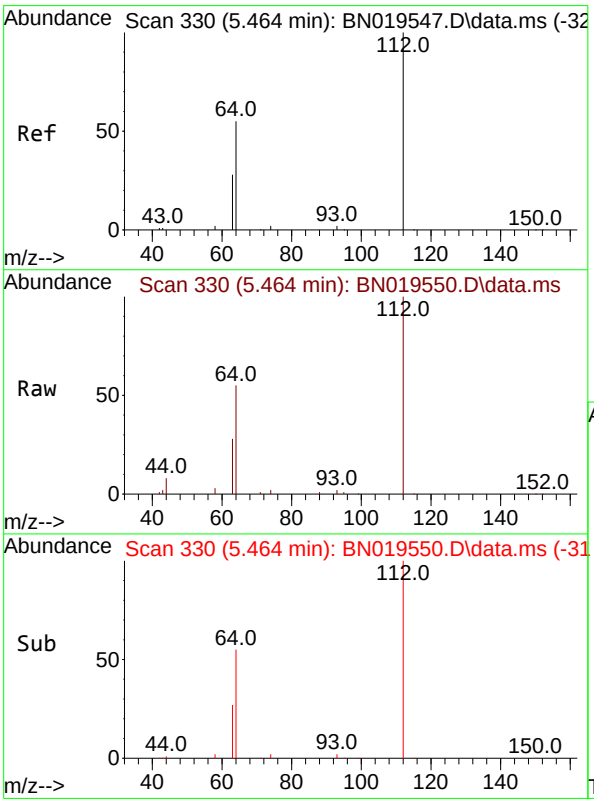
#3
n-Nitrosodimethylamine
Concen: 2.647 ng
RT: 3.687 min Scan# 8
Delta R.T. -0.014 min
Lab File: BN019550.D
Acq: 27 Apr 2022 18:17

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion: 42 Resp: 15561

Ion	Ratio	Lower	Upper
42	100		
74	119.9	101.8	152.6
44	8.4	8.4	12.6#

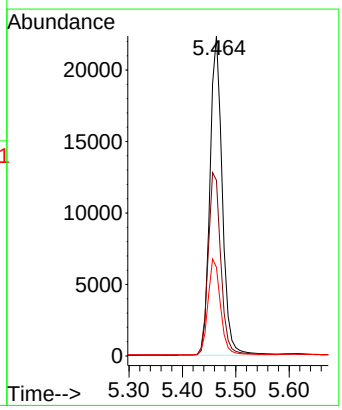


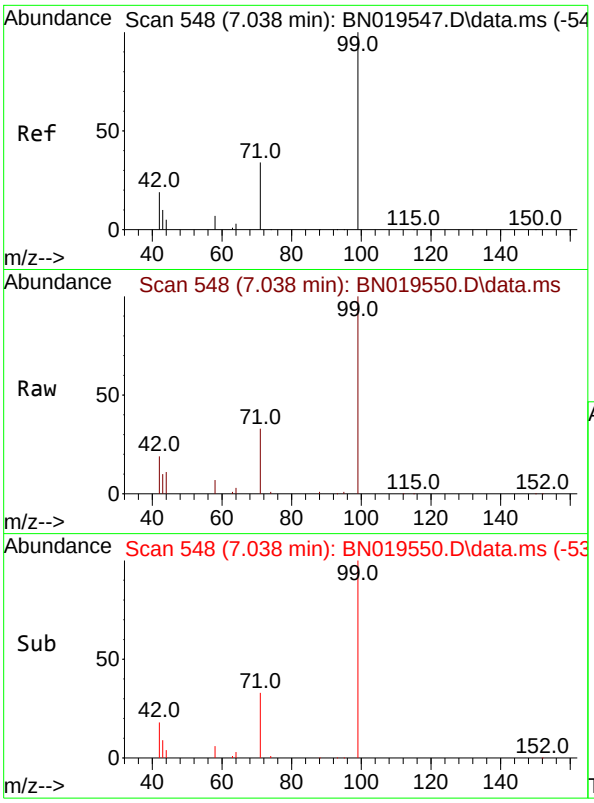


#4
2-Fluorophenol
Concen: 3.476 ng
RT: 5.464 min Scan# 330
Delta R.T. 0.000 min
Lab File: BN019550.D
Acq: 27 Apr 2022 18:17

Tgt Ion:112 Resp: 35888

Ion	Ratio	Lower	Upper
112	100		
64	58.8	47.3	70.9
63	30.5	24.6	36.8



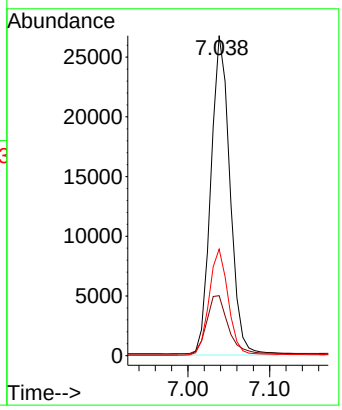


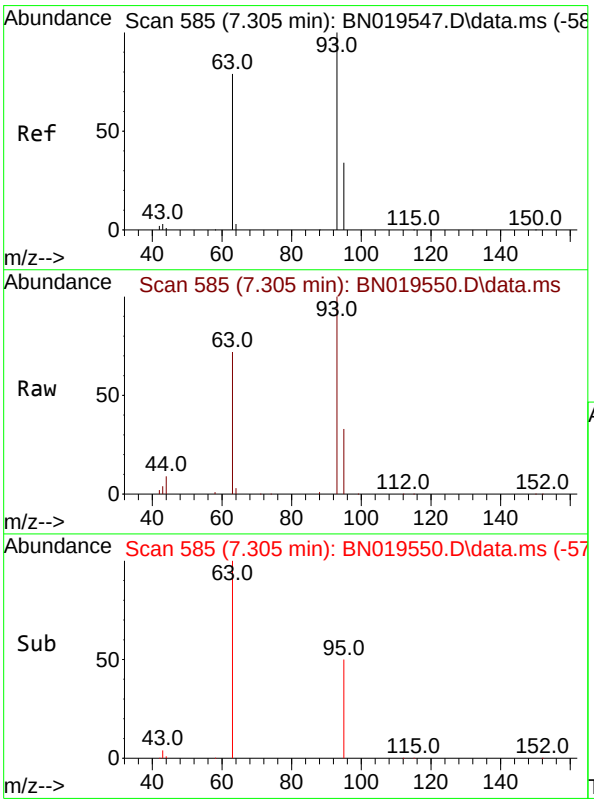
#5
Phenol-d6
Concen: 3.708 ng
RT: 7.038 min Scan# 54
Delta R.T. 0.000 min
Lab File: BN019550.D
Acq: 27 Apr 2022 18:17

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion: 99 Resp: 43660

Ion	Ratio	Lower	Upper
99	100		
42	20.2	15.8	23.8
71	33.1	26.5	39.7

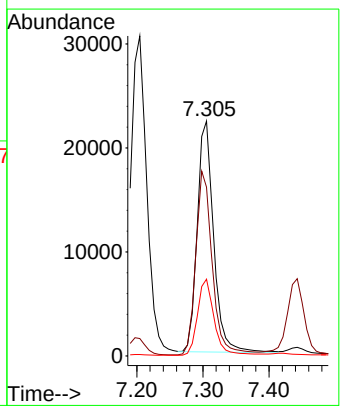


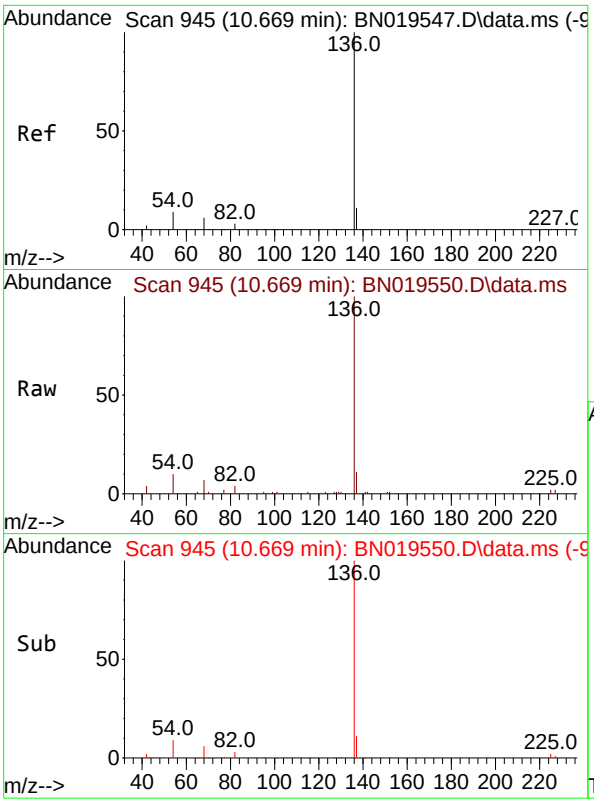


#6
bis(2-Chloroethyl)ether
Concen: 3.094 ng
RT: 7.305 min Scan# 585
Delta R.T. 0.000 min
Lab File: BN019550.D
Acq: 27 Apr 2022 18:17

Tgt Ion: 93 Resp: 38331

Ion	Ratio	Lower	Upper
93	100		
63	80.2	65.8	98.8
95	33.3	27.4	41.2



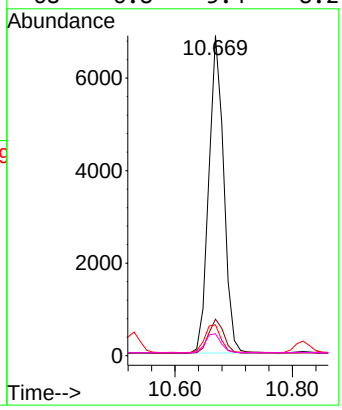


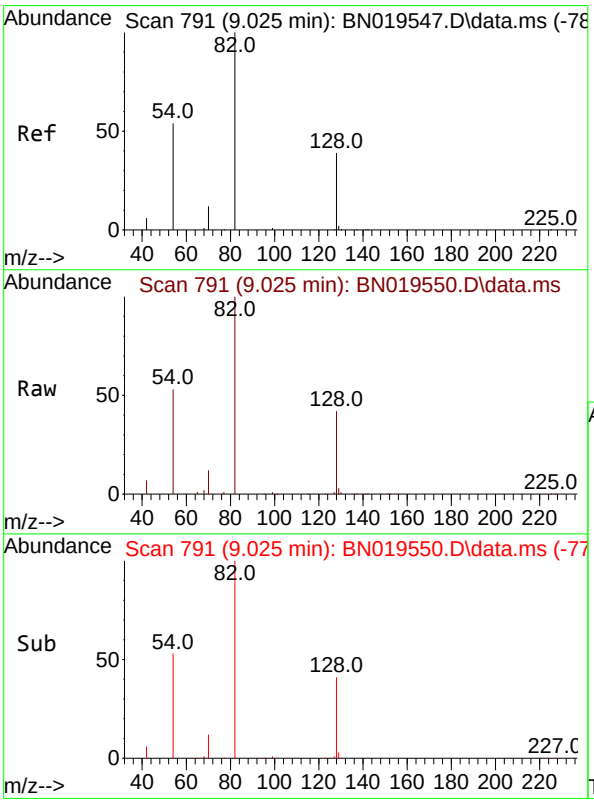
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.669 min Scan# 94
Delta R.T. 0.000 min
Lab File: BN019550.D
Acq: 27 Apr 2022 18:17

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:136 Resp: 12089

Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.1	13.7
54	9.6	7.8	11.6
68	6.8	5.4	8.2

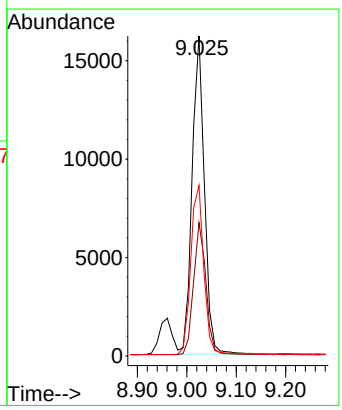


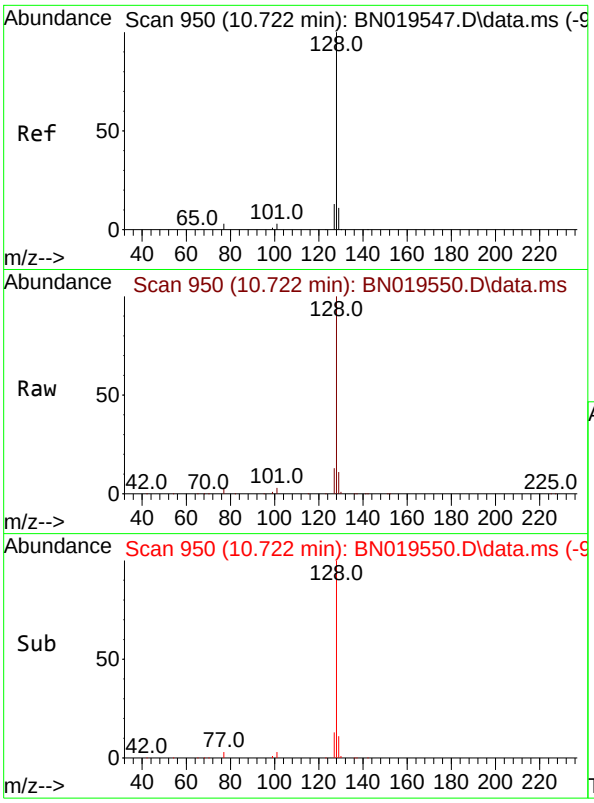


#8
Nitrobenzene-d5
Concen: 3.194 ng
RT: 9.025 min Scan# 791
Delta R.T. 0.000 min
Lab File: BN019550.D
Acq: 27 Apr 2022 18:17

Tgt Ion: 82 Resp: 27957

Ion	Ratio	Lower	Upper
82	100		
128	41.6	32.4	48.6
54	53.3	44.4	66.6



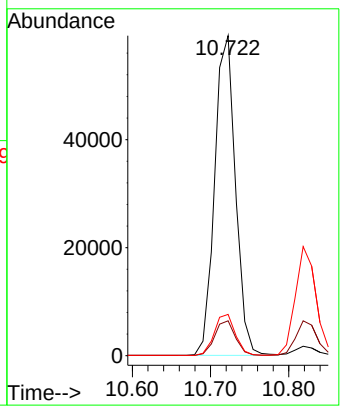


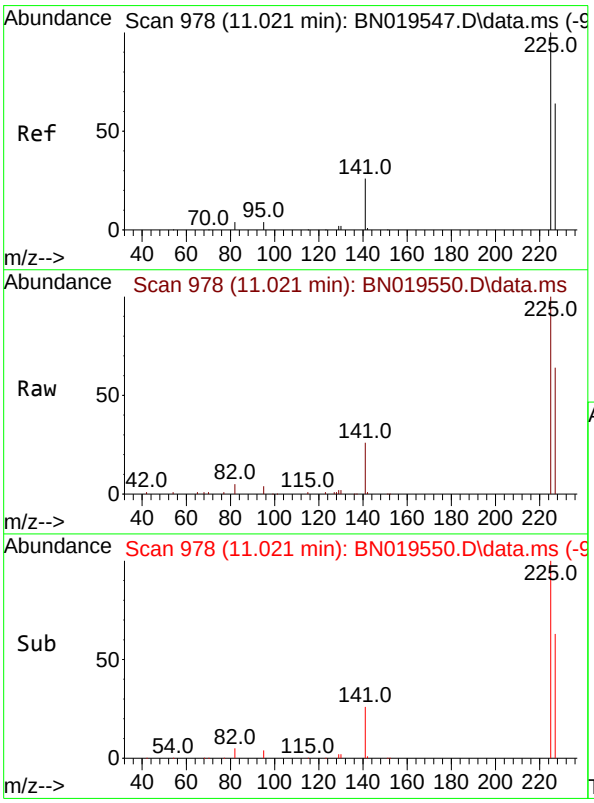
#9
Naphthalene
Concen: 3.111 ng
RT: 10.722 min Scan# 9
Delta R.T. 0.000 min
Lab File: BN019550.D
Acq: 27 Apr 2022 18:17

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:128 Resp: 109295

Ion	Ratio	Lower	Upper
128	100		
129	10.9	9.0	13.4
127	12.9	10.8	16.2

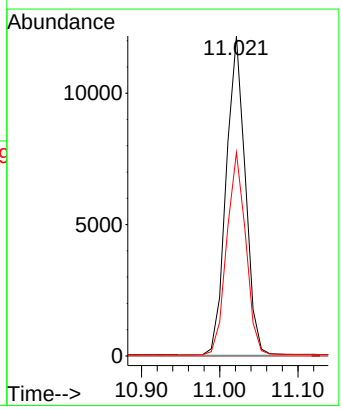


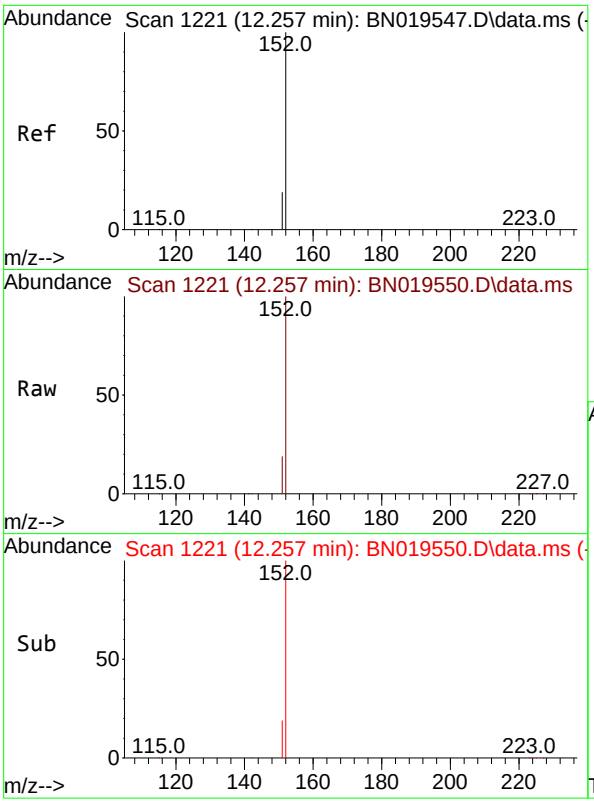


#10
Hexachlorobutadiene
Concen: 2.642 ng
RT: 11.021 min Scan# 978
Delta R.T. 0.000 min
Lab File: BN019550.D
Acq: 27 Apr 2022 18:17

Tgt Ion:225 Resp: 20377

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.6	50.8	76.2



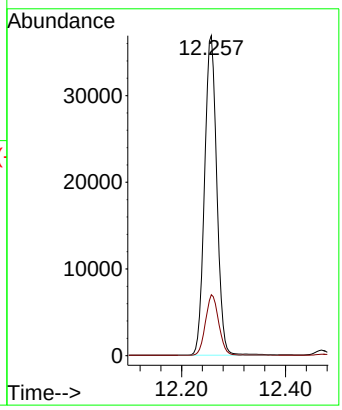


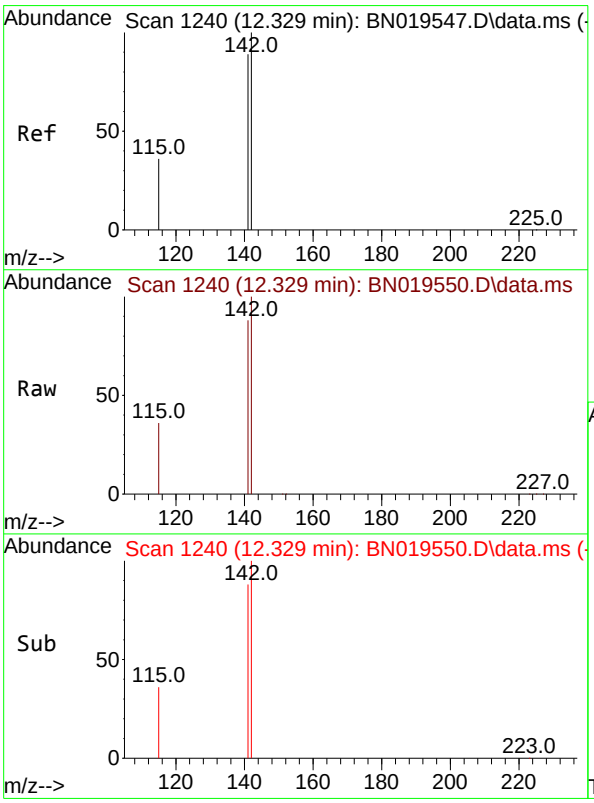
#11
2-Methylnaphthalene-d10
Concen: 3.072 ng
RT: 12.257 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN019550.D
Acq: 27 Apr 2022 18:17

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:152 Resp: 60257

Ion	Ratio	Lower	Upper
152	100		
151	20.3	16.2	24.4

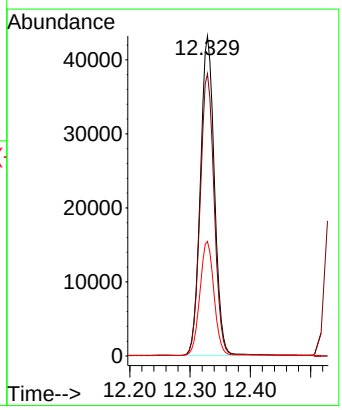


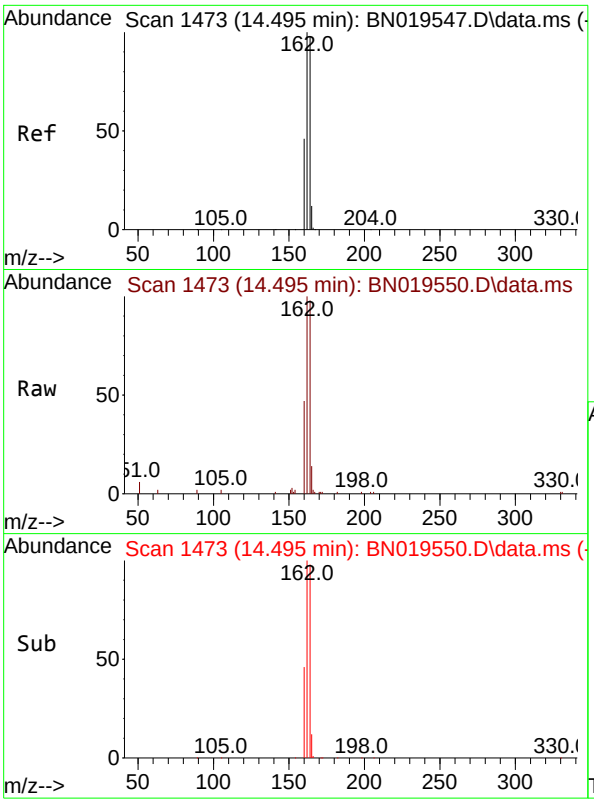


#12
2-Methylnaphthalene
Concen: 3.052 ng
RT: 12.329 min Scan# 1240
Delta R.T. 0.000 min
Lab File: BN019550.D
Acq: 27 Apr 2022 18:17

Tgt Ion:142 Resp: 69844

Ion	Ratio	Lower	Upper
142	100		
141	88.2	71.0	106.6
115	35.8	29.6	44.4



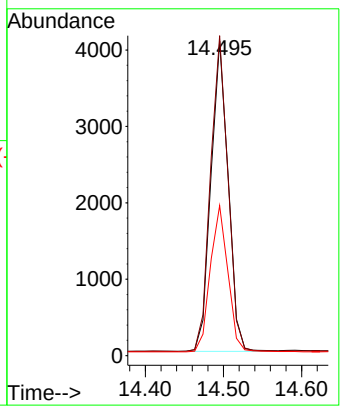


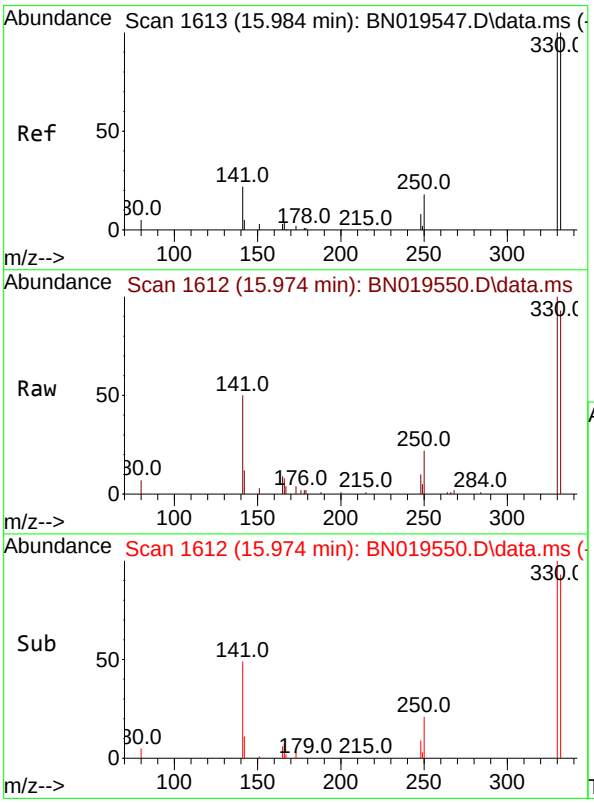
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.495 min Scan# 14
Delta R.T. 0.000 min
Lab File: BN019550.D
Acq: 27 Apr 2022 18:17

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:164 Resp: 6213

Ion	Ratio	Lower	Upper
164	100		
162	101.7	81.8	122.6
160	47.7	38.3	57.5

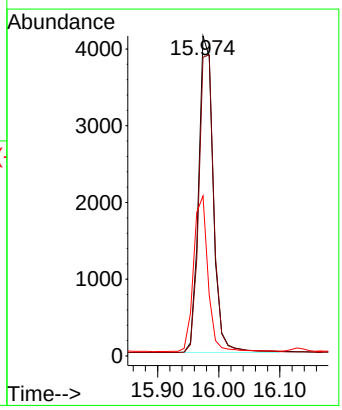


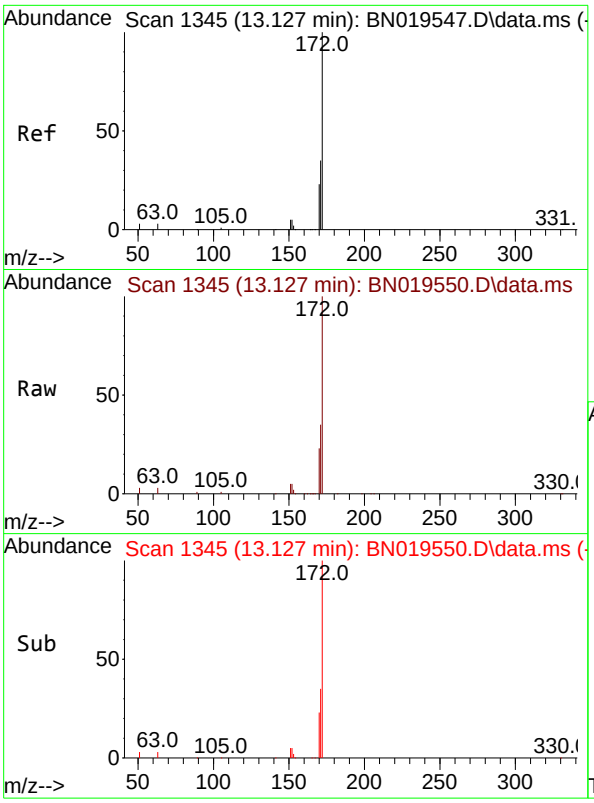


#14
2,4,6-Tribromophenol
Concen: 2.484 ng
RT: 15.974 min Scan# 1612
Delta R.T. -0.010 min
Lab File: BN019550.D
Acq: 27 Apr 2022 18:17

Tgt Ion:330 Resp: 6897

Ion	Ratio	Lower	Upper
330	100		
332	96.8	76.2	114.4
141	48.5	39.7	59.5



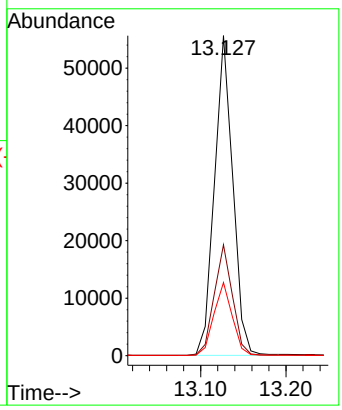


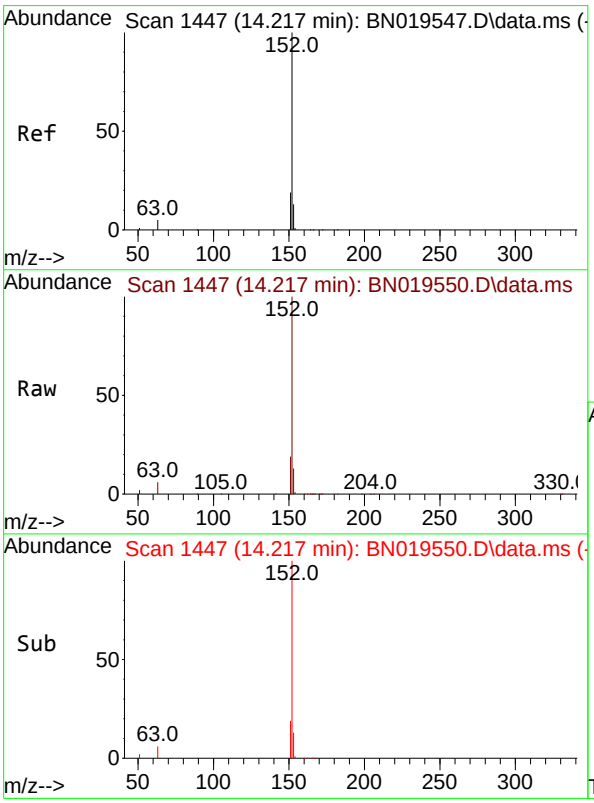
#15
2-Fluorobiphenyl
Concen: 3.359 ng
RT: 13.127 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN019550.D
Acq: 27 Apr 2022 18:17

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:172 Resp: 83184

Ion	Ratio	Lower	Upper
172	100		
171	34.7	28.0	42.0
170	22.9	19.0	28.4

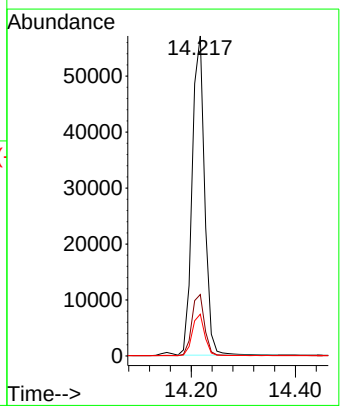


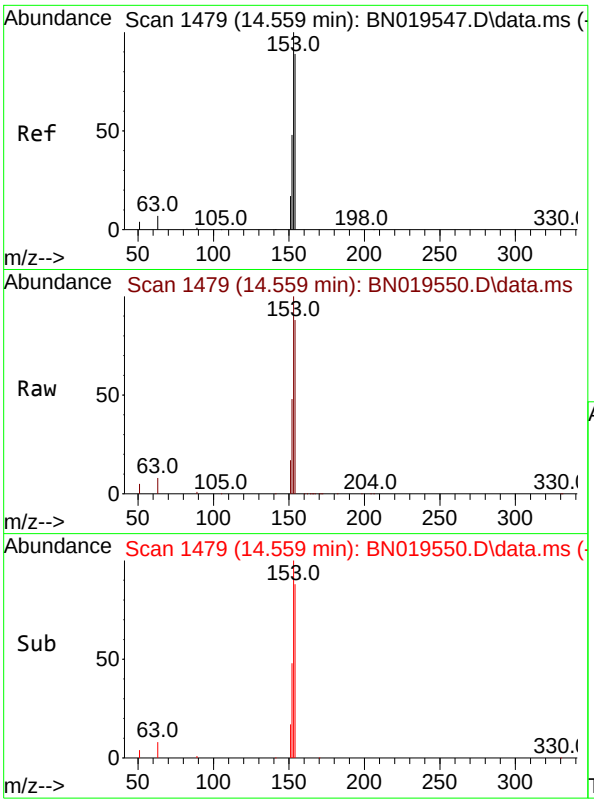


#16
Acenaphthylene
Concen: 3.351 ng
RT: 14.217 min Scan# 1447
Delta R.T. 0.000 min
Lab File: BN019550.D
Acq: 27 Apr 2022 18:17

Tgt Ion:152 Resp: 94711

Ion	Ratio	Lower	Upper
152	100		
151	19.8	16.2	24.4
153	13.2	10.5	15.7



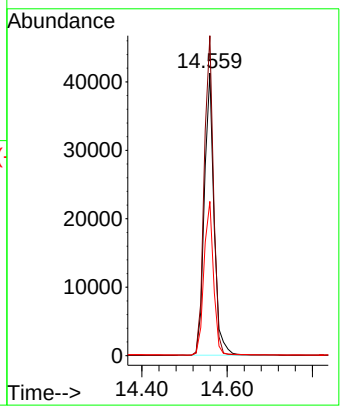


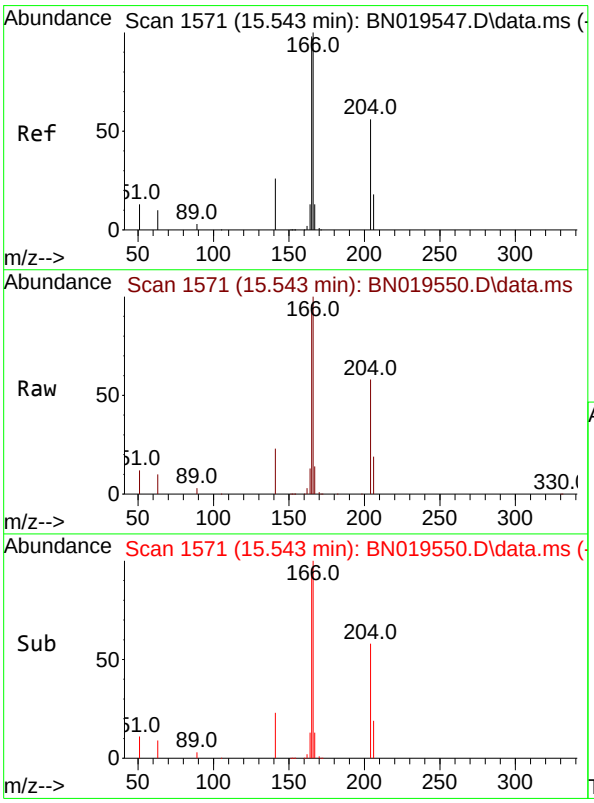
#17
Acenaphthene
Concen: 3.296 ng
RT: 14.559 min Scan# 14
Delta R.T. 0.000 min
Lab File: BN019550.D
Acq: 27 Apr 2022 18:17

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:154 Resp: 65046

Ion	Ratio	Lower	Upper
154	100		
153	109.4	89.3	133.9
152	53.6	44.1	66.1

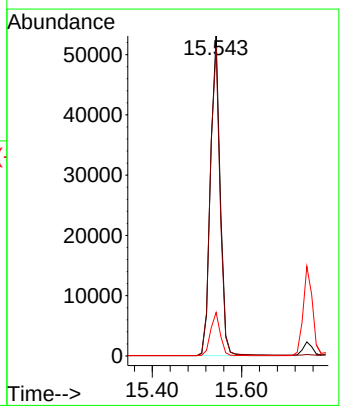


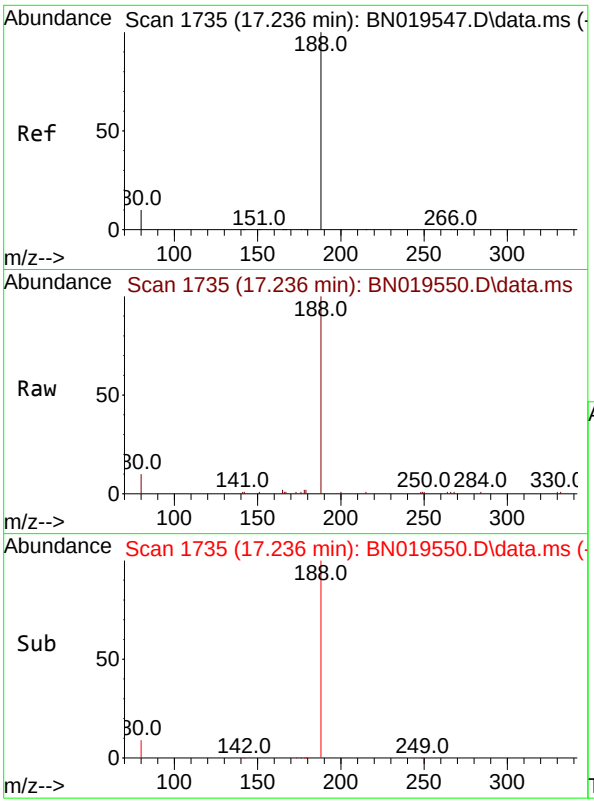


#18
Fluorene
Concen: 3.070 ng
RT: 15.543 min Scan# 1571
Delta R.T. 0.000 min
Lab File: BN019550.D
Acq: 27 Apr 2022 18:17

Tgt Ion:166 Resp: 79474

Ion	Ratio	Lower	Upper
166	100		
165	97.7	79.1	118.7
167	13.4	10.7	16.1



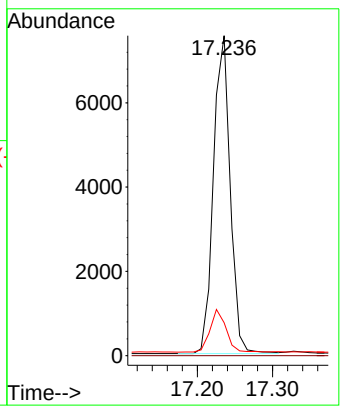


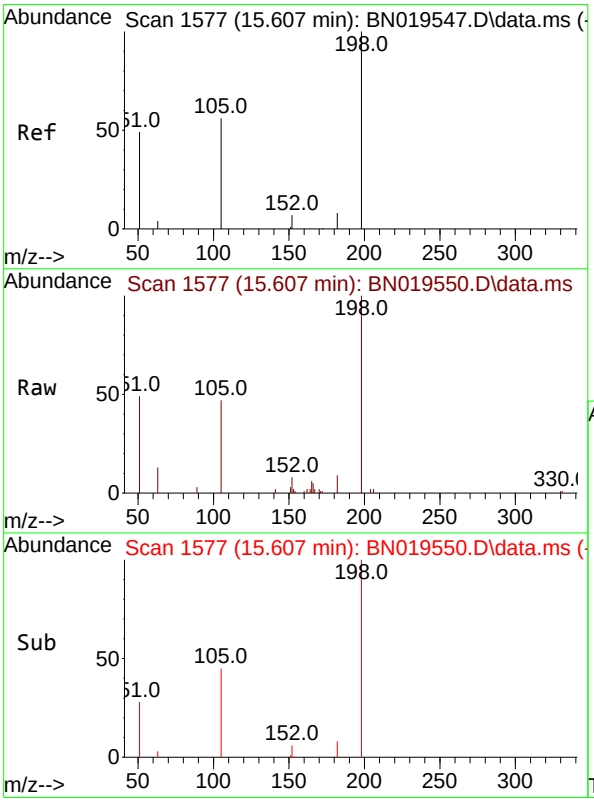
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.236 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN019550.D
Acq: 27 Apr 2022 18:17

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:188 Resp: 11676

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	10.3	8.6	12.8

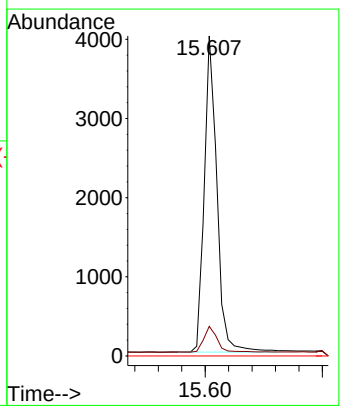


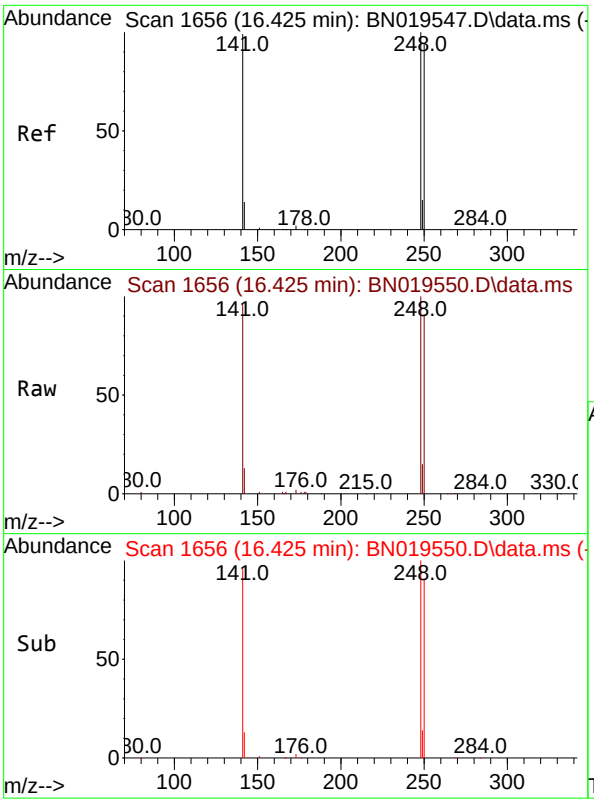


#20
4,6-Dinitro-2-methylphenol
Concen: 5.115 ng
RT: 15.607 min Scan# 1577
Delta R.T. 0.000 min
Lab File: BN019550.D
Acq: 27 Apr 2022 18:17

Tgt Ion:198 Resp: 6001

Ion	Ratio	Lower	Upper
198	100		
182	9.3	16.9	25.3#
77	0.0	0.0	0.0



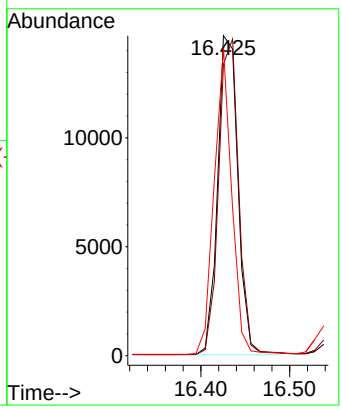


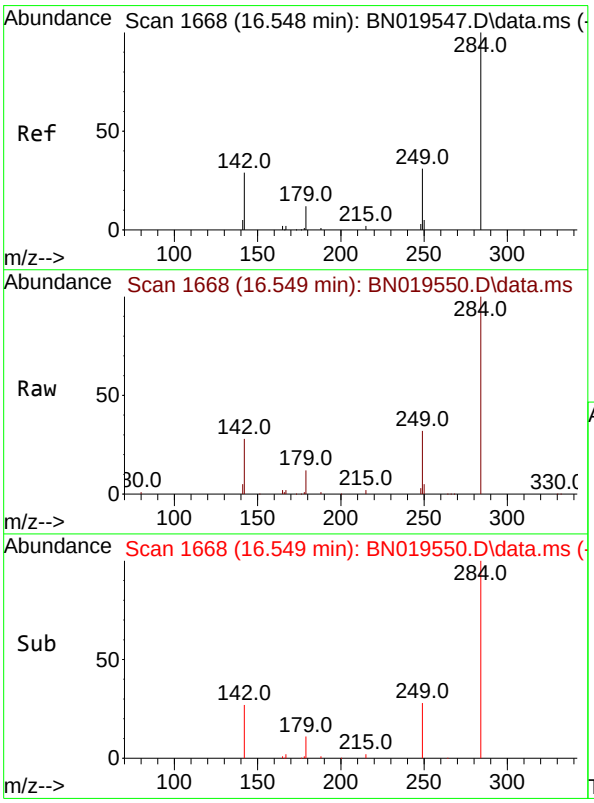
#21
4-Bromophenyl-phenylether
Concen: 3.257 ng
RT: 16.425 min Scan# 1(
Delta R.T. 0.000 min
Lab File: BN019550.D
Acq: 27 Apr 2022 18:17

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:248 Resp: 23285

Ion	Ratio	Lower	Upper
248	100		
250	91.1	75.5	113.3
141	96.1	79.9	119.9

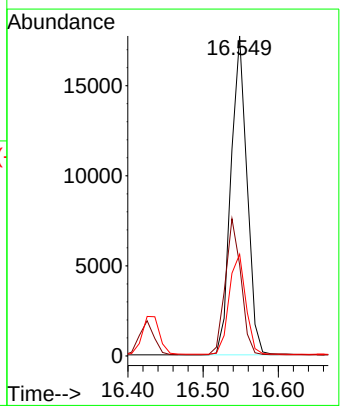


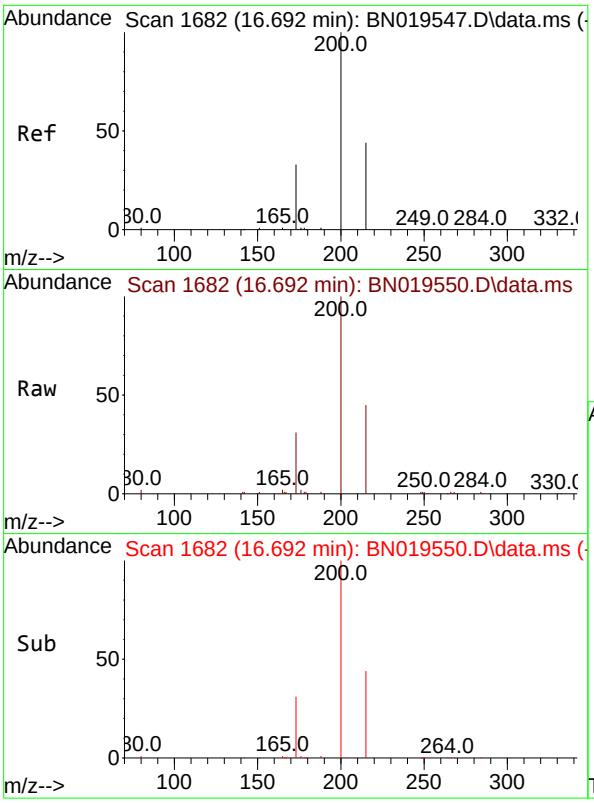


#22
Hexachlorobenzene
Concen: 2.948 ng
RT: 16.549 min Scan# 1668
Delta R.T. 0.000 min
Lab File: BN019550.D
Acq: 27 Apr 2022 18:17

Tgt Ion:284 Resp: 26255

Ion	Ratio	Lower	Upper
284	100		
142	41.7	33.2	49.8
249	32.4	26.4	39.6



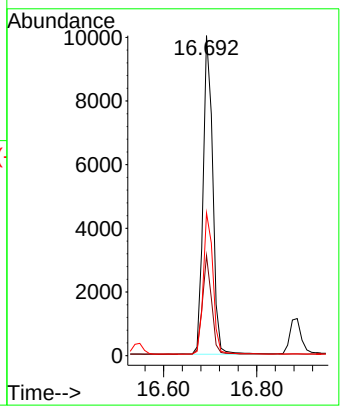


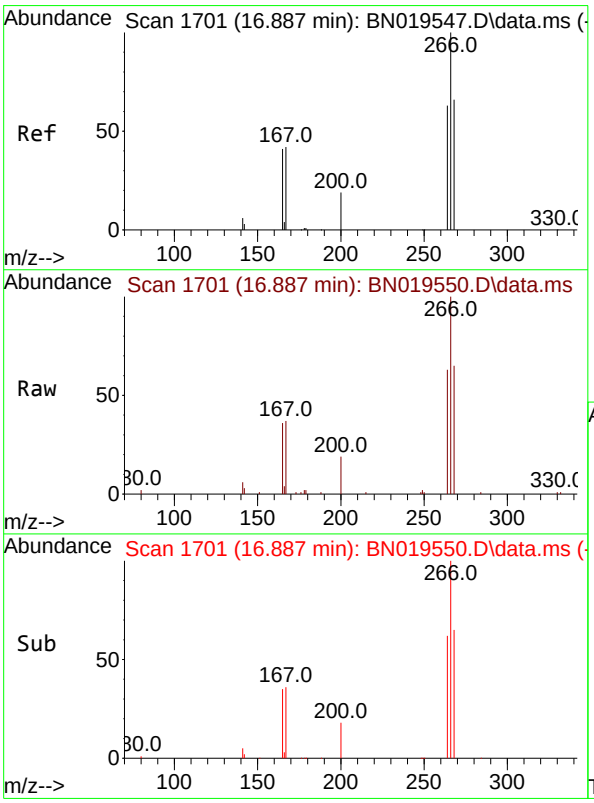
#23
Atrazine
Concen: 2.825 ng
RT: 16.692 min Scan# 1(
Delta R.T. 0.000 min
Lab File: BN019550.D
Acq: 27 Apr 2022 18:17

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:200 Resp: 14293

Ion	Ratio	Lower	Upper
200	100		
173	31.3	28.5	42.7
215	44.6	37.0	55.4

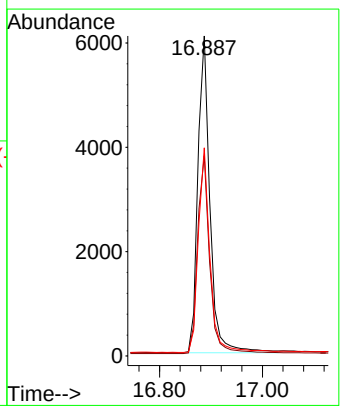


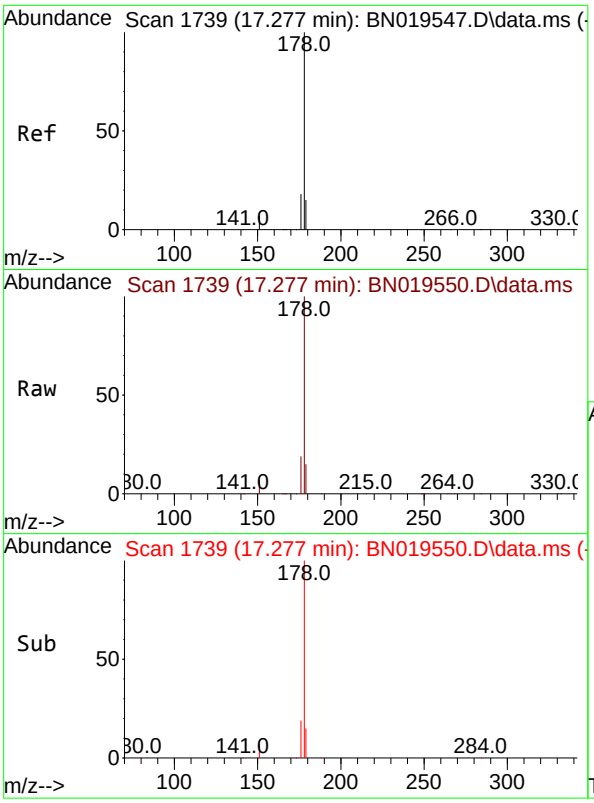


#24
Pentachlorophenol
Concen: 5.657 ng
RT: 16.887 min Scan# 1701
Delta R.T. 0.000 min
Lab File: BN019550.D
Acq: 27 Apr 2022 18:17

Tgt Ion:266 Resp: 9885

Ion	Ratio	Lower	Upper
266	100		
264	62.8	48.0	72.0
268	62.9	54.2	81.2



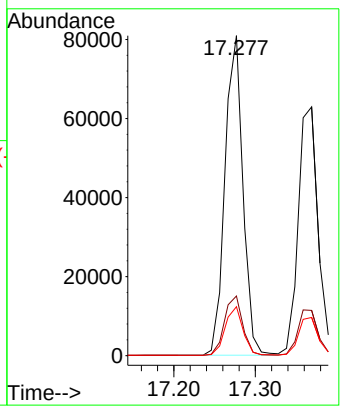


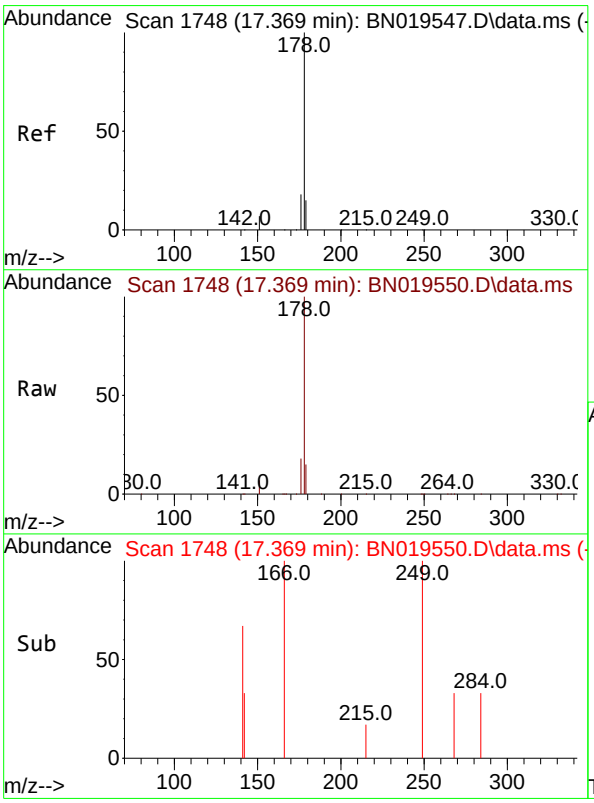
#25
Phenanthrene
Concen: 3.364 ng
RT: 17.277 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN019550.D
Acq: 27 Apr 2022 18:17

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:178 Resp: 123989

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.4	23.2
179	15.1	12.1	18.1

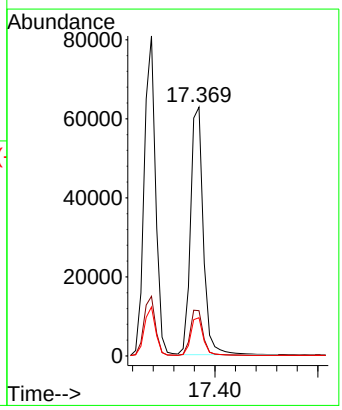


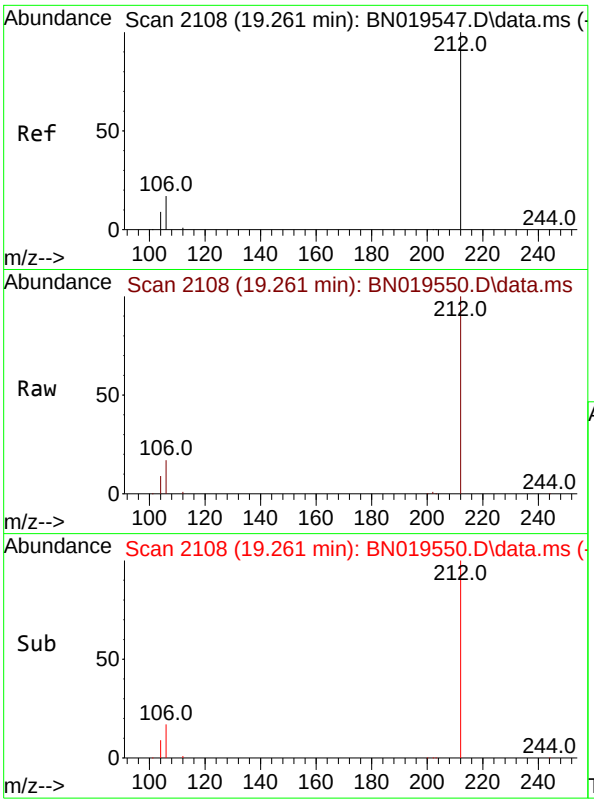


#26
Anthracene
Concen: 3.609 ng
RT: 17.369 min Scan# 1748
Delta R.T. 0.000 min
Lab File: BN019550.D
Acq: 27 Apr 2022 18:17

Tgt Ion:178 Resp: 107539

Ion	Ratio	Lower	Upper
178	100		
176	18.5	14.3	21.5
179	15.1	12.2	18.4



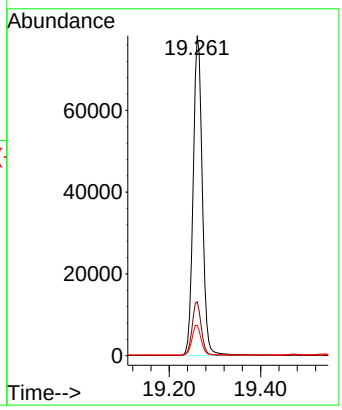


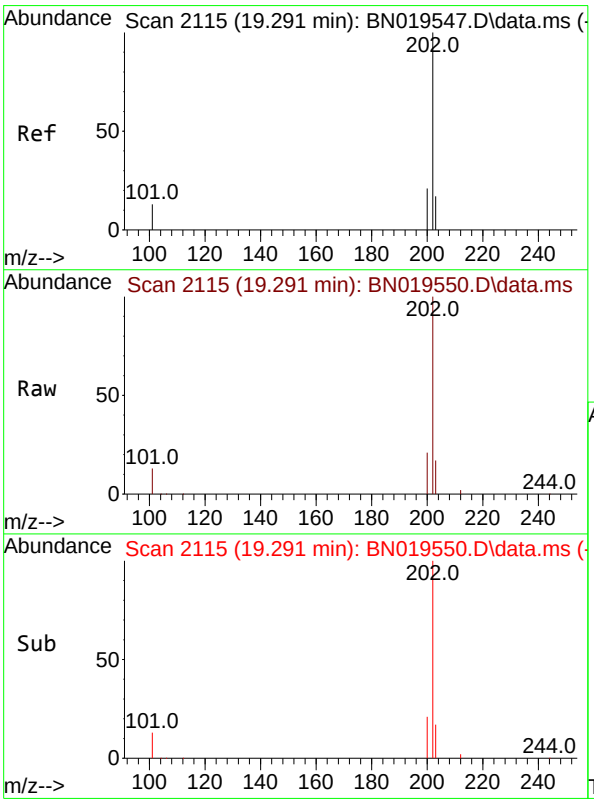
#27
Fluoranthene-d10
Concen: 3.193 ng
RT: 19.261 min Scan# 21
Delta R.T. 0.000 min
Lab File: BN019550.D
Acq: 27 Apr 2022 18:17

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:212 Resp: 108969

Ion	Ratio	Lower	Upper
212	100		
106	16.7	13.5	20.3
104	9.3	7.6	11.4

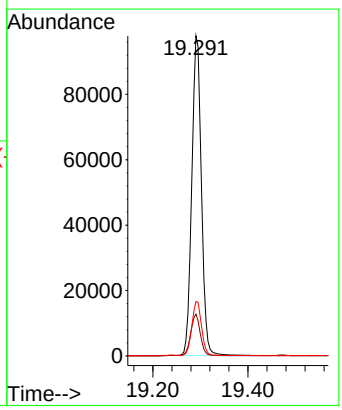


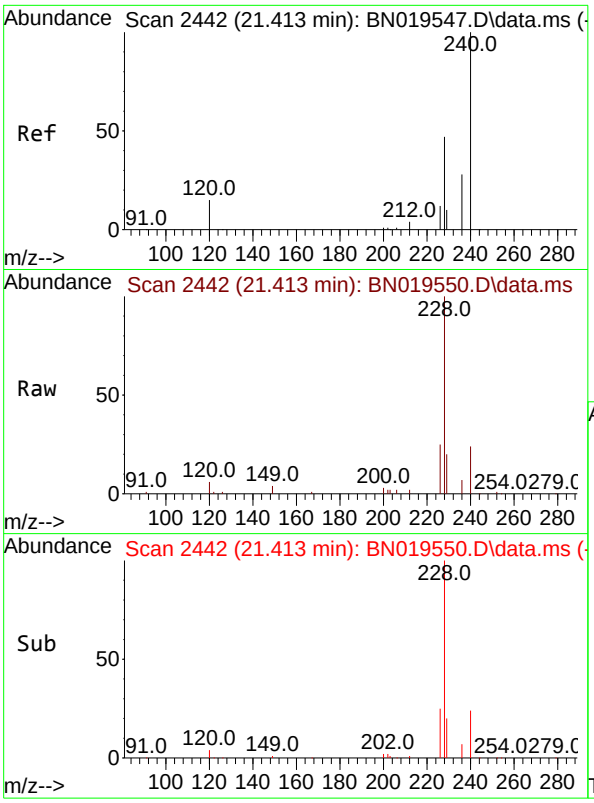


#28
Fluoranthene
Concen: 3.239 ng
RT: 19.291 min Scan# 2115
Delta R.T. 0.000 min
Lab File: BN019550.D
Acq: 27 Apr 2022 18:17

Tgt Ion:202 Resp: 136789

Ion	Ratio	Lower	Upper
202	100		
101	13.0	10.6	15.8
203	17.2	13.6	20.4



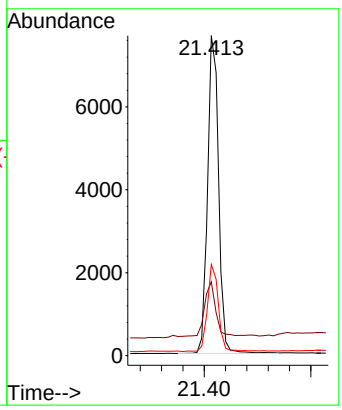


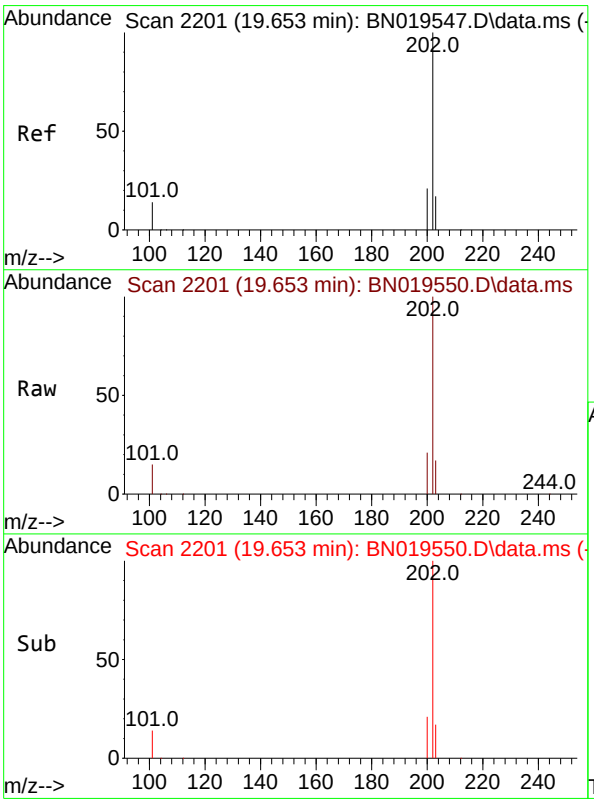
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.413 min Scan# 24
Delta R.T. 0.000 min
Lab File: BN019550.D
Acq: 27 Apr 2022 18:17

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:240 Resp: 10979

Ion	Ratio	Lower	Upper
240	100		
120	23.1	17.4	26.2
236	28.5	23.0	34.4

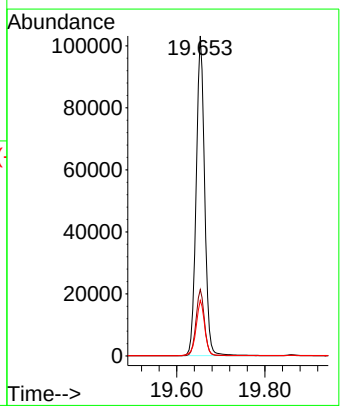


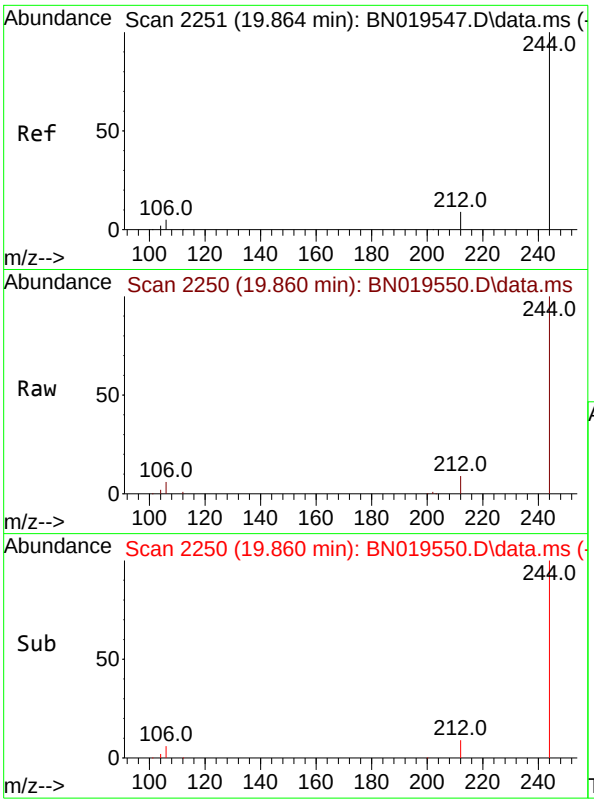


#30
Pyrene
Concen: 2.634 ng
RT: 19.653 min Scan# 2201
Delta R.T. 0.000 min
Lab File: BN019550.D
Acq: 27 Apr 2022 18:17

Tgt Ion:202 Resp: 137026

Ion	Ratio	Lower	Upper
202	100		
200	20.8	16.7	25.1
203	17.7	14.2	21.4



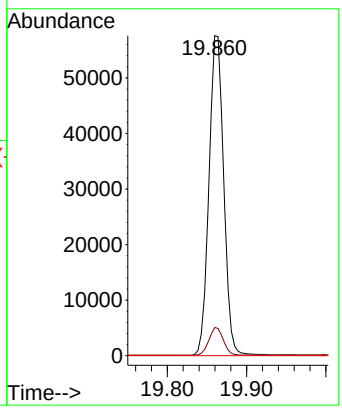


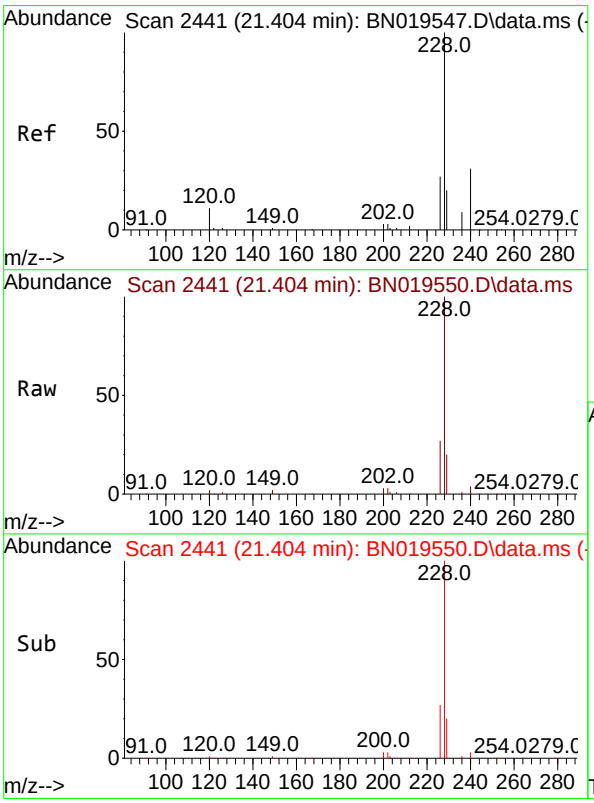
#31
Terphenyl-d14
Concen: 2.988 ng
RT: 19.860 min Scan# 2
Delta R.T. -0.004 min
Lab File: BN019550.D
Acq: 27 Apr 2022 18:17

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:244 Resp: 74077

Ion	Ratio	Lower	Upper
244	100		
212	8.8	7.6	11.4
122	0.0	0.0	0.0

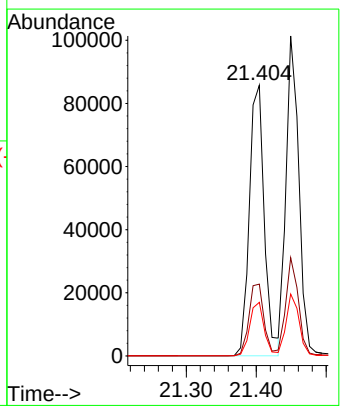


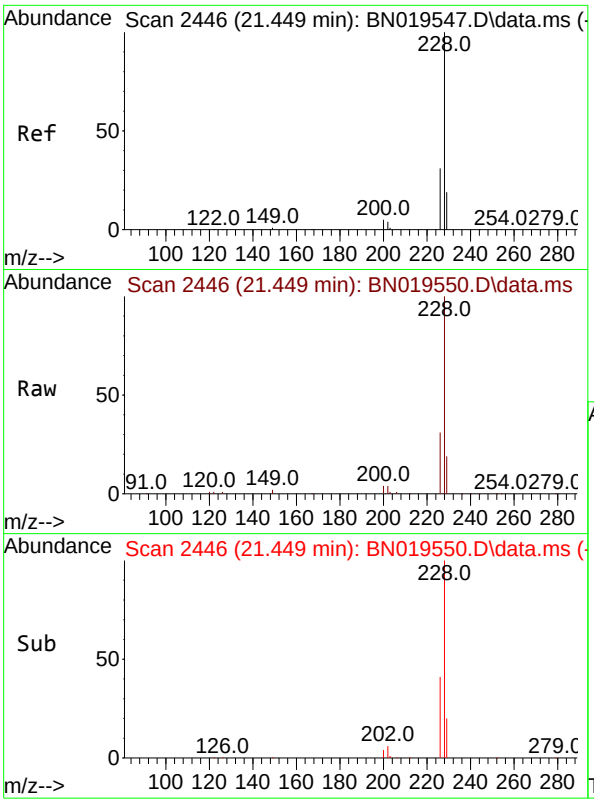


#32
Benzo(a)anthracene
Concen: 3.735 ng
RT: 21.404 min Scan# 2441
Delta R.T. 0.000 min
Lab File: BN019550.D
Acq: 27 Apr 2022 18:17

Tgt Ion:228 Resp: 127538

Ion	Ratio	Lower	Upper
228	100		
226	26.5	21.6	32.4
229	19.8	16.5	24.7



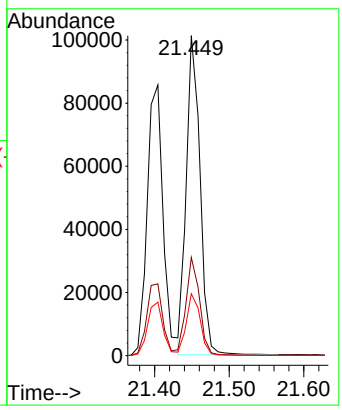


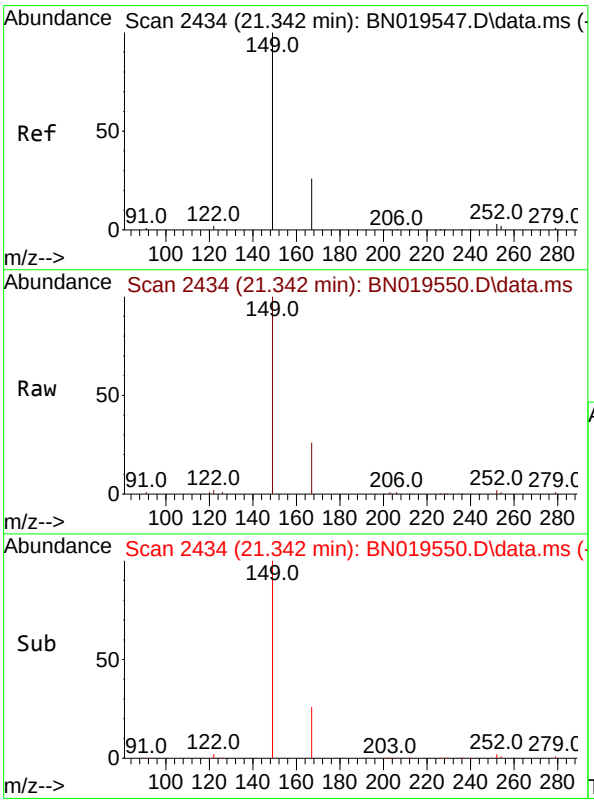
#33
Chrysene
Concen: 2.999 ng
RT: 21.449 min Scan# 24
Delta R.T. 0.000 min
Lab File: BN019550.D
Acq: 27 Apr 2022 18:17

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:228 Resp: 129446

Ion	Ratio	Lower	Upper
228	100		
226	30.7	24.6	36.8
229	19.4	15.9	23.9

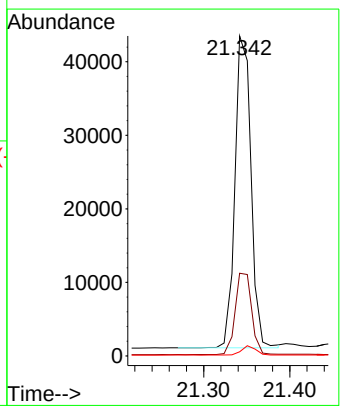


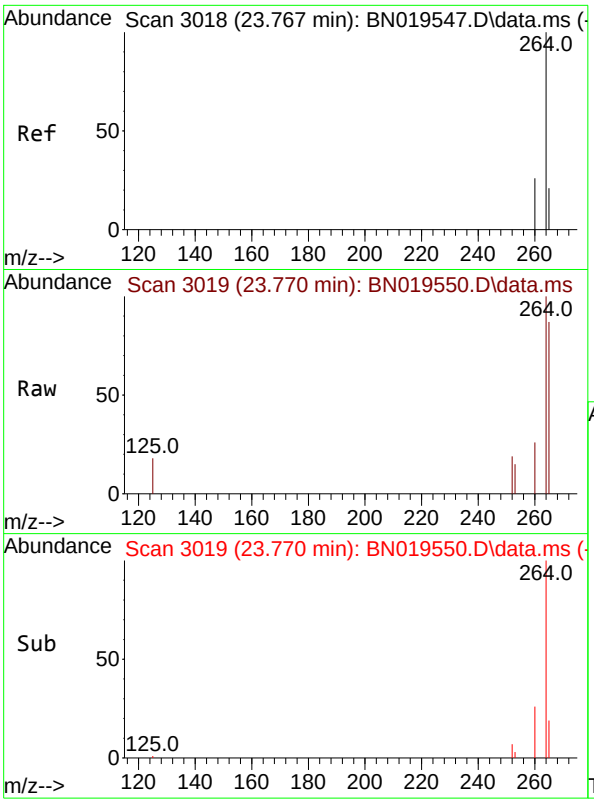


#34
Bis(2-ethylhexyl)phthalate
Concen: 2.737 ng
RT: 21.342 min Scan# 2434
Delta R.T. 0.000 min
Lab File: BN019550.D
Acq: 27 Apr 2022 18:17

Tgt Ion:149 Resp: 54975

Ion	Ratio	Lower	Upper
149	100		
167	27.0	21.7	32.5
279	2.7	2.8	4.2#



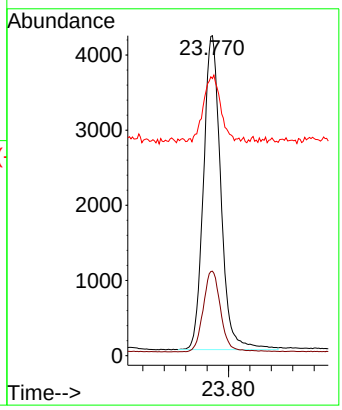


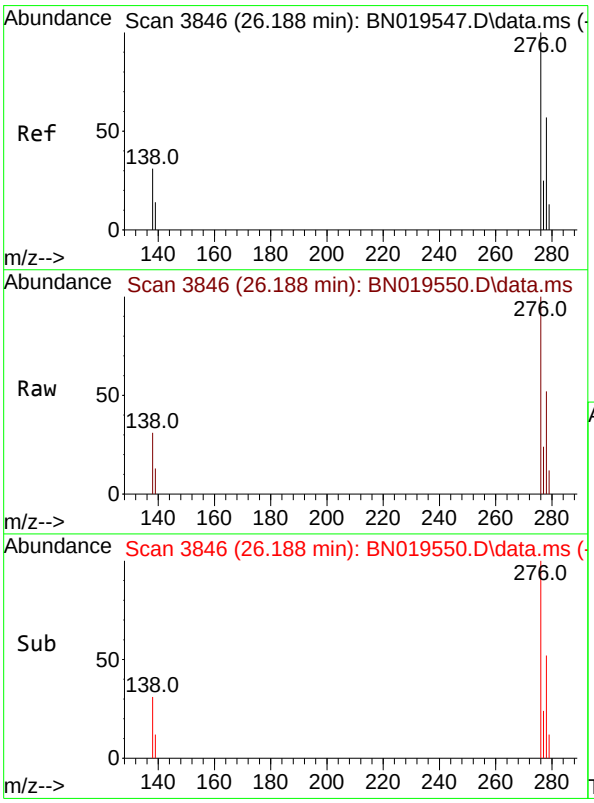
#35
Perylene-d12
Concen: 0.400 ng
RT: 23.770 min Scan# 3
Delta R.T. 0.003 min
Lab File: BN019550.D
Acq: 27 Apr 2022 18:17

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:264 Resp: 9380

Ion	Ratio	Lower	Upper
264	100		
260	26.4	21.0	31.6
265	86.6	67.9	101.9

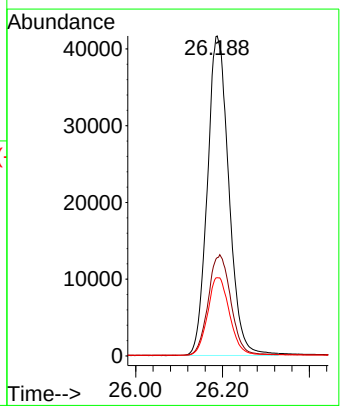


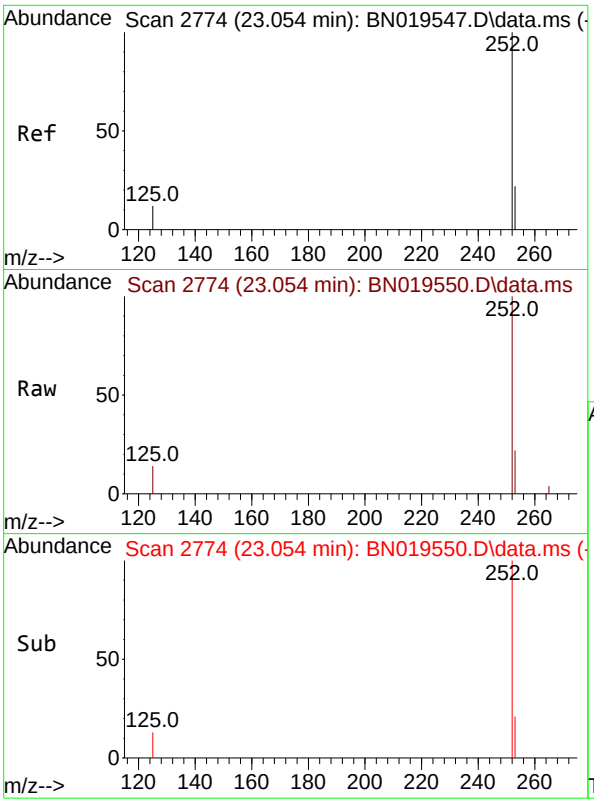


#36
Indeno(1,2,3-cd)pyrene
Concen: 3.947 ng
RT: 26.188 min Scan# 3846
Delta R.T. 0.000 min
Lab File: BN019550.D
Acq: 27 Apr 2022 18:17

Tgt Ion:276 Resp: 143029

Ion	Ratio	Lower	Upper
276	100		
138	33.1	26.6	40.0
277	25.0	20.0	30.0



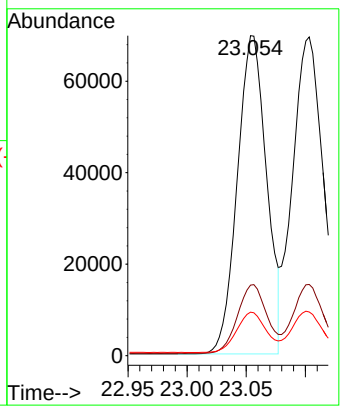


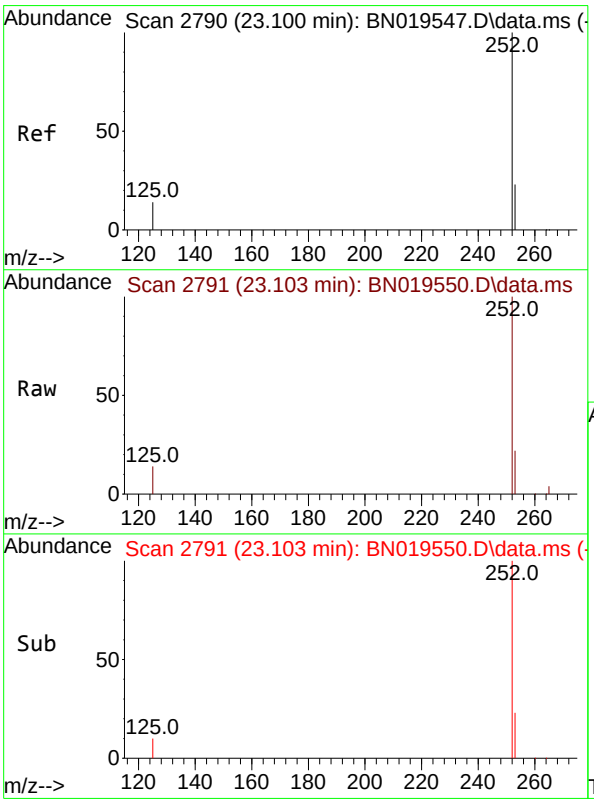
#37
Benzo(b)fluoranthene
Concen: 3.312 ng
RT: 23.054 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN019550.D
Acq: 27 Apr 2022 18:17

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:252 Resp: 119541

Ion	Ratio	Lower	Upper
252	100		
253	22.1	21.2	31.8
125	13.6	15.9	23.9#

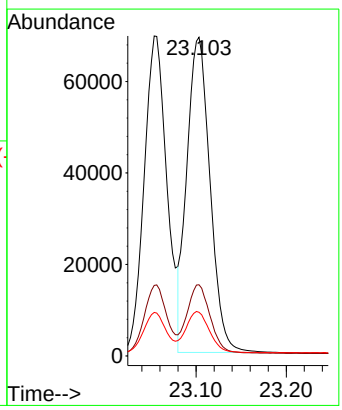


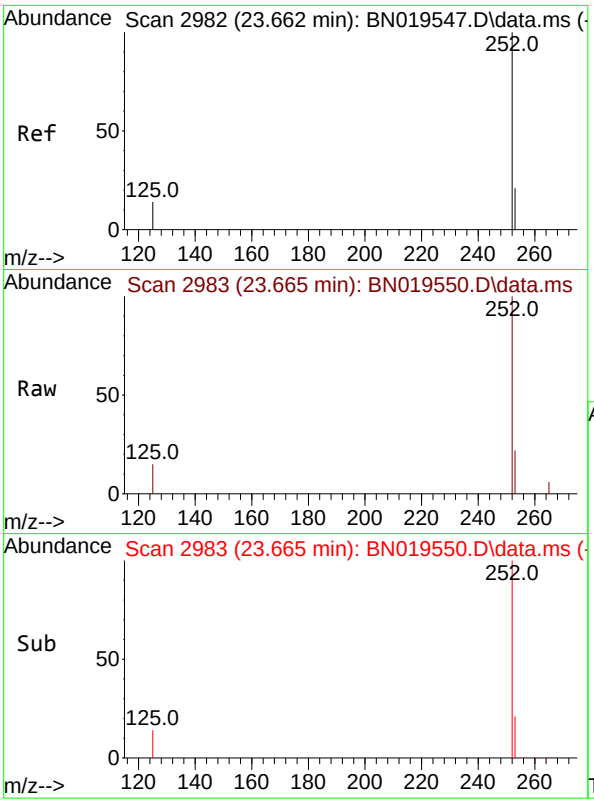


#38
Benzo(k)fluoranthene
Concen: 3.195 ng
RT: 23.103 min Scan# 2791
Delta R.T. 0.003 min
Lab File: BN019550.D
Acq: 27 Apr 2022 18:17

Tgt Ion:252 Resp: 123091

Ion	Ratio	Lower	Upper
252	100		
253	22.3	21.7	32.5
125	13.7	17.0	25.4#



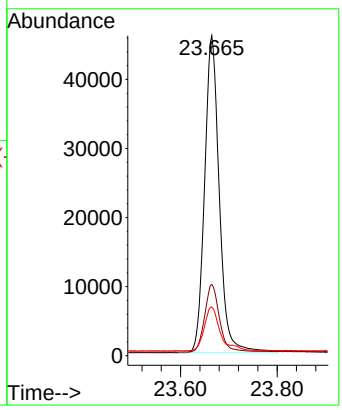


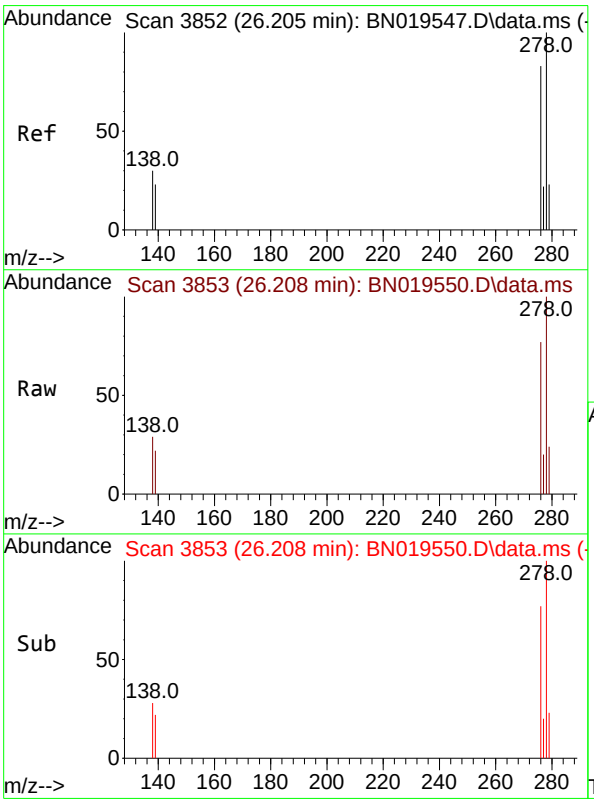
#39
Benzo(a)pyrene
Concen: 3.059 ng
RT: 23.665 min Scan# 2
Delta R.T. 0.003 min
Lab File: BN019550.D
Acq: 27 Apr 2022 18:17

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:252 Resp: 97219

Ion	Ratio	Lower	Upper
252	100		
253	22.2	23.1	34.7#
125	15.2	20.4	30.6#

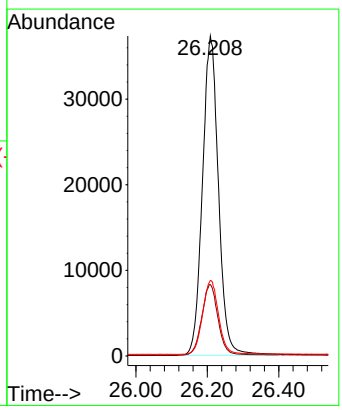


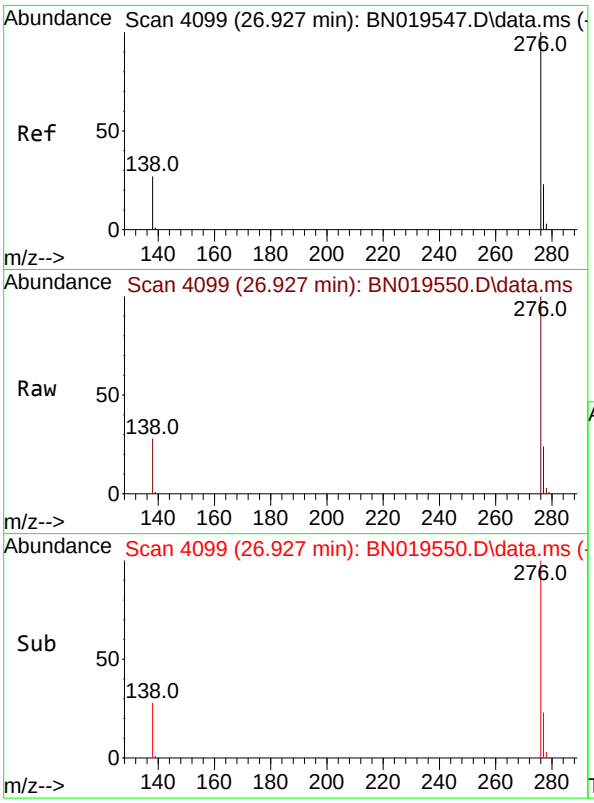


#40
Dibenzo(a,h)anthracene
Concen: 4.303 ng
RT: 26.208 min Scan# 3853
Delta R.T. 0.003 min
Lab File: BN019550.D
Acq: 27 Apr 2022 18:17

Tgt Ion:278 Resp: 116361

Ion	Ratio	Lower	Upper
278	100		
139	22.3	19.4	29.2
279	23.6	21.8	32.8





#41
Benzo(g,h,i)perylene
Concen: 3.264 ng
RT: 26.927 min Scan# 4
Delta R.T. 0.000 min
Lab File: BN019550.D
Acq: 27 Apr 2022 18:17

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:276 Resp: 121375

Ion	Ratio	Lower	Upper
276	100		
277	23.6	20.2	30.2
138	28.3	23.5	35.3