Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN090421\
Data File : BN016187.D
Acq On : 04 Sep 2021 10:46
Operator : CG/JU
Sample : SSTDICC0.1
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDICC0.1

Quant Time: Sep 06 01:27:04 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN090421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 06 01:25:38 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.873	152	13092	0.400	ng		0.00
7) Naphthalene-d8	10.660	136	68915	0.400	ng		0.00
13) Acenaphthene-d10	14.497	164	40209	0.400	ng		0.00
19) Phenanthrene-d10	17.249	188	79593	0.400	ng		0.00
29) Chrysene-d12	21.429	240	82688	0.400	ng		0.00
35) Perylene-d12	23.823	264	78110	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.457	112	4432	0.141	ng		0.00
5) Phenol-d6	7.034	99	5629	0.129	ng		0.00
8) Nitrobenzene-d5	9.025	82	6294	0.139	ng		0.00
11) 2-Methylnaphthalene-d10	12.252	152	11094	0.107	ng		0.00
14) 2,4,6-Tribromophenol	15.994	330	1844	0.162	ng		0.00
15) 2-Fluorobiphenyl	13.127	172	17899	0.111	ng		0.00
27) Fluoranthene-d10	19.281	212	24169	0.108	ng		0.00
31) Terphenyl-d14	19.872	244	25528	0.126	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.373	88	453	0.063	ng	#	9
3) n-Nitrosodimethylamine	3.751	42	902	0.080	ng	#	91
6) bis(2-Chloroethyl)ether	7.301	93	3622	0.099	ng		99
9) Naphthalene	10.711	128	20306	0.112	ng		99
10) Hexachlorobutadiene	11.002	225	3978	0.099	ng	#	100
12) 2-Methylnaphthalene	12.327	142	13284	0.115	ng		99
16) Acenaphthylene	14.218	152	19079	0.129	ng		100
17) Acenaphthene	14.561	154	12228	0.108	ng		100
18) Fluorene	15.550	166	15425	0.114	ng		99
20) 4,6-Dinitro-2-methylph...	15.639	198	84	0.016	ng	#	32
21) 4-Bromophenyl-phenylether	16.433	248	4475	0.112	ng		95
22) Hexachlorobenzene	16.555	284	5379	0.096	ng		98
23) Atrazine	16.701	200	4406	0.180	ng		99
25) Phenanthrene	17.285	178	24471	0.108	ng		99
26) Anthracene	17.383	178	22736	0.123	ng		99
28) Fluoranthene	19.311	202	29411	0.117	ng		100
30) Pyrene	19.674	202	30553	0.124	ng		100
32) Benzo(a)anthracene	21.419	228	30826	0.123	ng		98
33) Chrysene	21.472	228	30377	0.114	ng		97
34) Bis(2-ethylhexyl)phtha...	21.344	149	22407	0.335	ng		100
36) Indeno(1,2,3-cd)pyrene	26.305	276	19120	0.065	ng	#	93
37) Benzo(b)fluoranthene	23.098	252	30641	0.110	ng	#	75
38) Benzo(k)fluoranthene	23.142	252	27531	0.106	ng	#	90
39) Benzo(a)pyrene	23.717	252	26684	0.111	ng	#	50
40) Dibenzo(a,h)anthracene	26.322	278	15788	0.065	ng	#	85
41) Benzo(g,h,i)perylene	27.068	276	15705	0.062	ng	#	88

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

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Sample : SSTDICC0.1
Misc :
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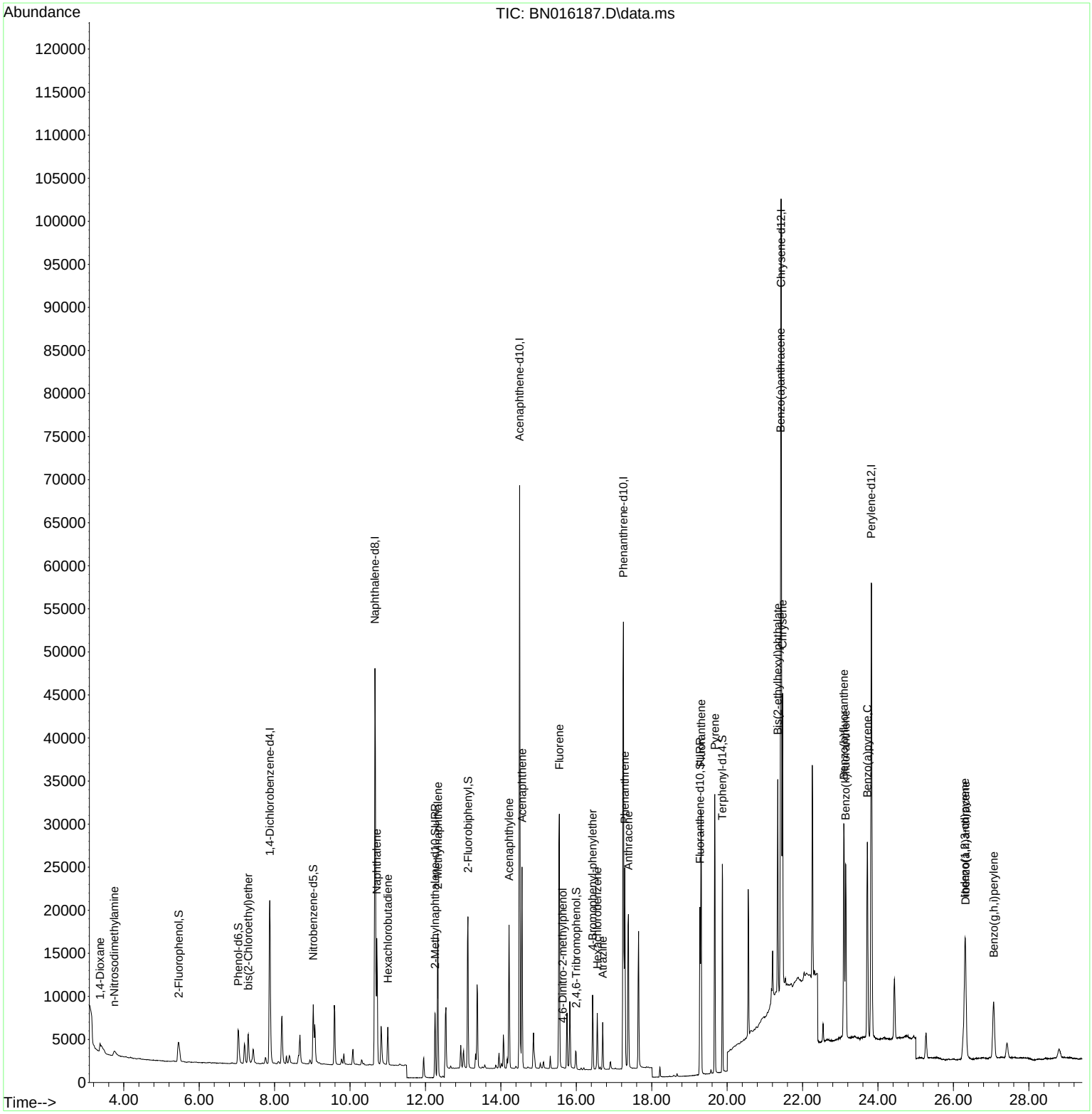
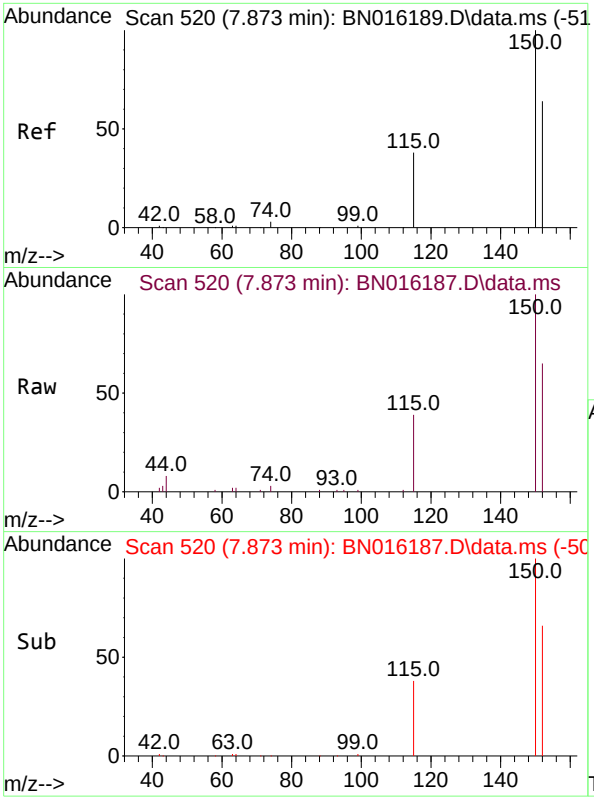
Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Quant Time: Sep 06 01:27:04 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN090421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 06 01:25:38 2021
Response via : Initial Calibration



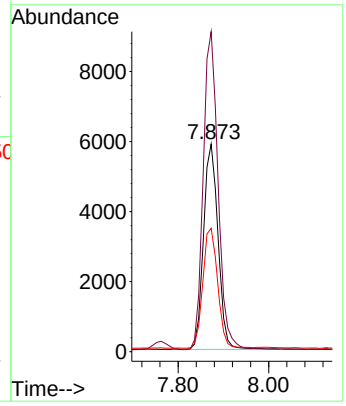
Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

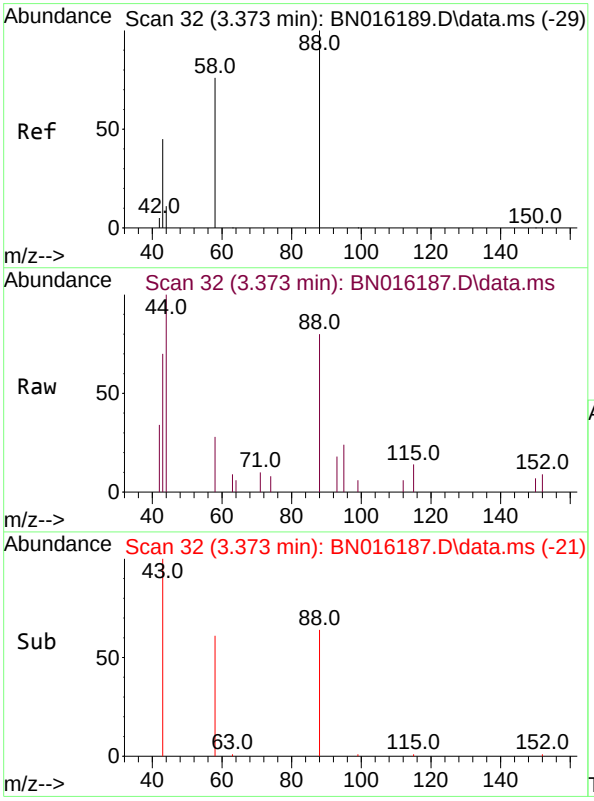


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.873 min Scan# 520
Delta R.T. -0.000 min
Lab File: BN016187.D
Acq: 04 Sep 2021 10:46

Tgt Ion:152 Resp: 13092

Ion	Ratio	Lower	Upper
152	100		
150	154.1	125.3	187.9
115	59.4	48.4	72.6

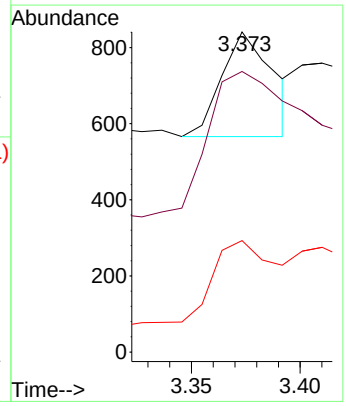




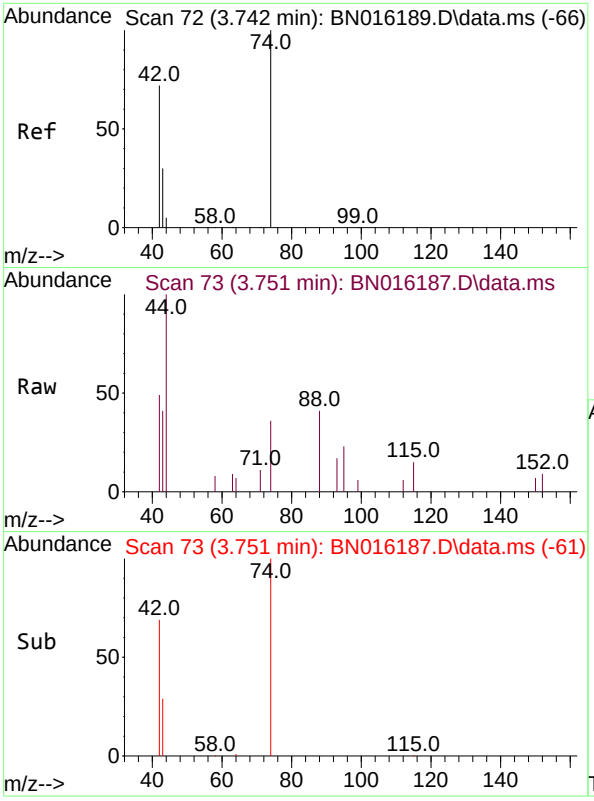
#2
1,4-Dioxane
Concen: 0.063 ng
RT: 3.373 min Scan# 32
Delta R.T. 0.000 min
Lab File: BN016187.D
Acq: 04 Sep 2021 10:46

Tgt Ion: 88 Resp: 453

Ion	Ratio	Lower	Upper
88	100		
43	258.3	77.0	115.4#
58	98.2	70.8	106.2



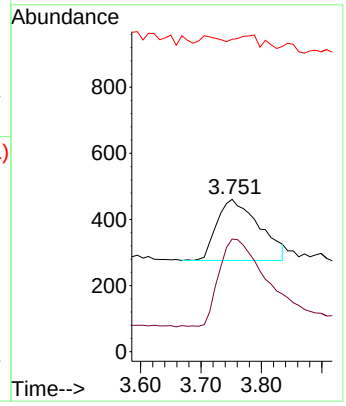
Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

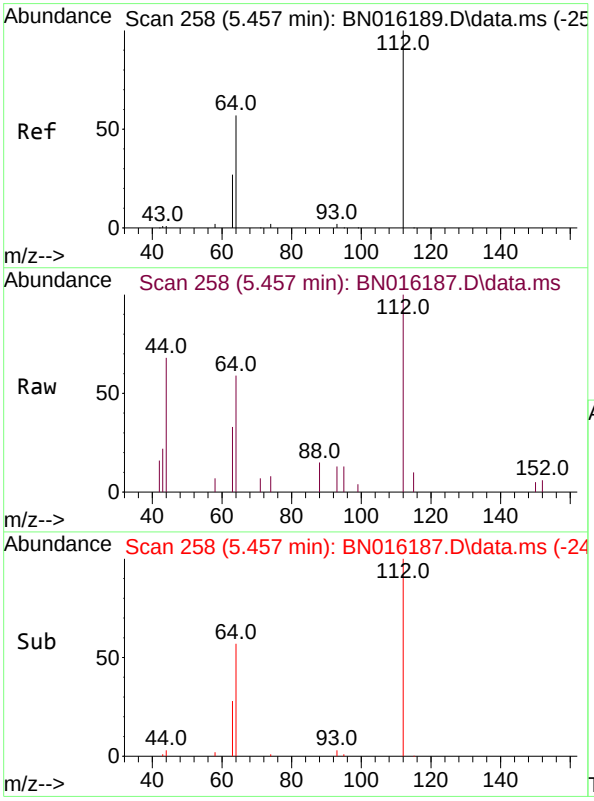


#3
n-Nitrosodimethylamine
Concen: 0.080 ng
RT: 3.751 min Scan# 73
Delta R.T. 0.009 min
Lab File: BN016187.D
Acq: 04 Sep 2021 10:46

Tgt Ion: 42 Resp: 902

Ion	Ratio	Lower	Upper
42	100		
74	151.2	112.2	168.4
44	0.0	5.0	7.4#

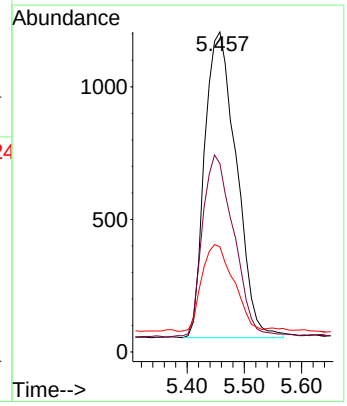




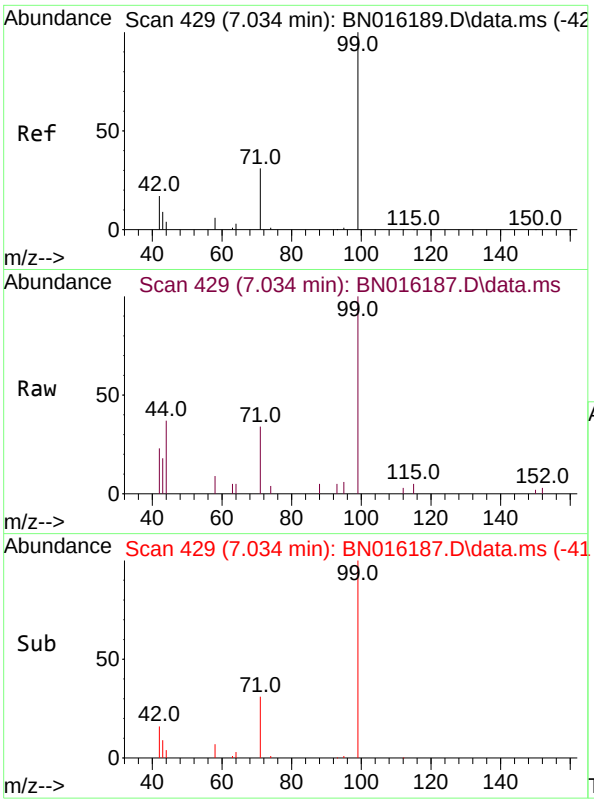
#4
2-Fluorophenol
Concen: 0.141 ng
RT: 5.457 min Scan# 258
Delta R.T. 0.000 min
Lab File: BN016187.D
Acq: 04 Sep 2021 10:46

Tgt Ion:112 Resp: 4432

Ion	Ratio	Lower	Upper
112	100		
64	58.5	46.8	70.2
63	28.5	22.7	34.1



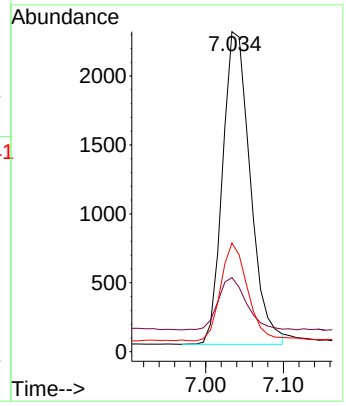
Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

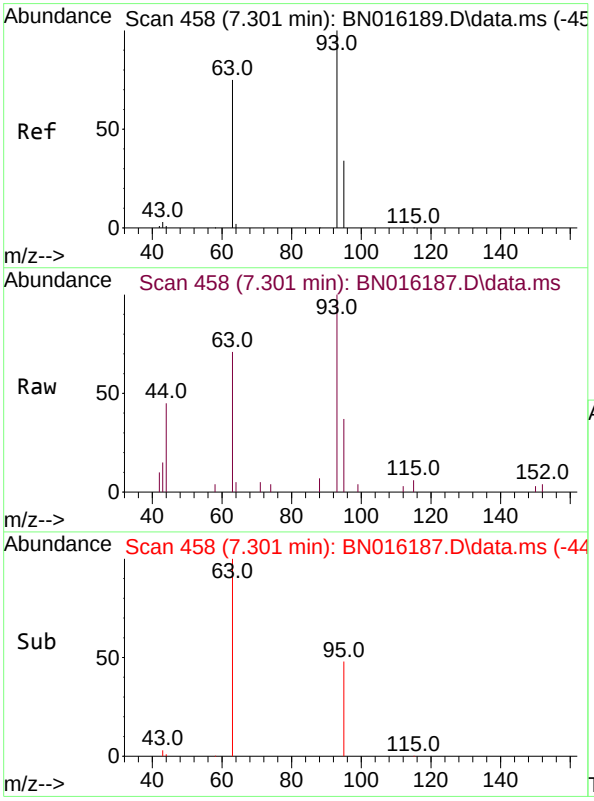


#5
Phenol-d6
Concen: 0.129 ng
RT: 7.034 min Scan# 429
Delta R.T. 0.000 min
Lab File: BN016187.D
Acq: 04 Sep 2021 10:46

Tgt Ion: 99 Resp: 5629

Ion	Ratio	Lower	Upper
99	100		
42	17.0	13.8	20.6
71	30.2	24.3	36.5

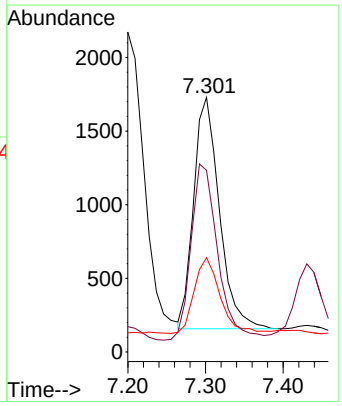


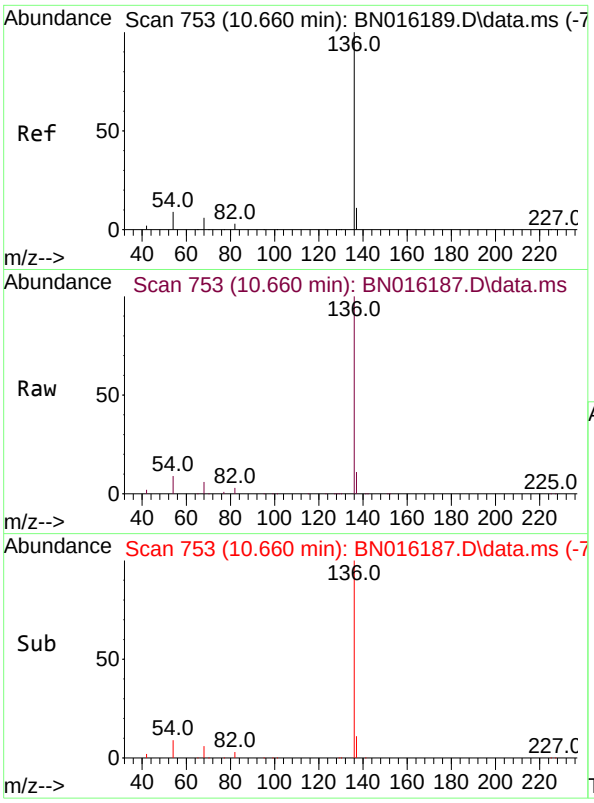


#6
bis(2-Chloroethyl)ether
Concen: 0.099 ng
RT: 7.301 min Scan# 458
Delta R.T. 0.000 min
Lab File: BN016187.D
Acq: 04 Sep 2021 10:46

Tgt Ion: 93 Resp: 3622

Ion	Ratio	Lower	Upper
93	100		
63	79.0	62.8	94.2
95	33.4	27.0	40.4

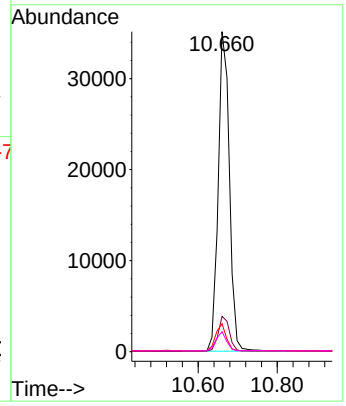




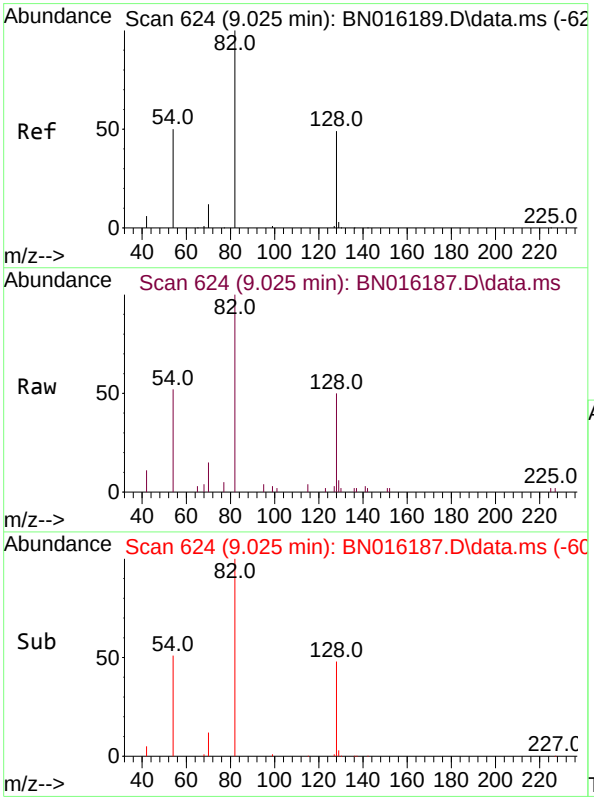
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.660 min Scan# 753
Delta R.T. 0.000 min
Lab File: BN016187.D
Acq: 04 Sep 2021 10:46

Tgt Ion:136 Resp: 68915

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	8.8	7.2	10.8
68	6.2	5.2	7.8



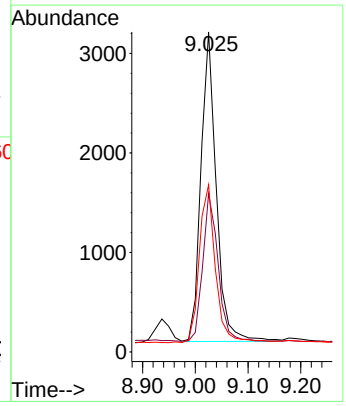
Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1



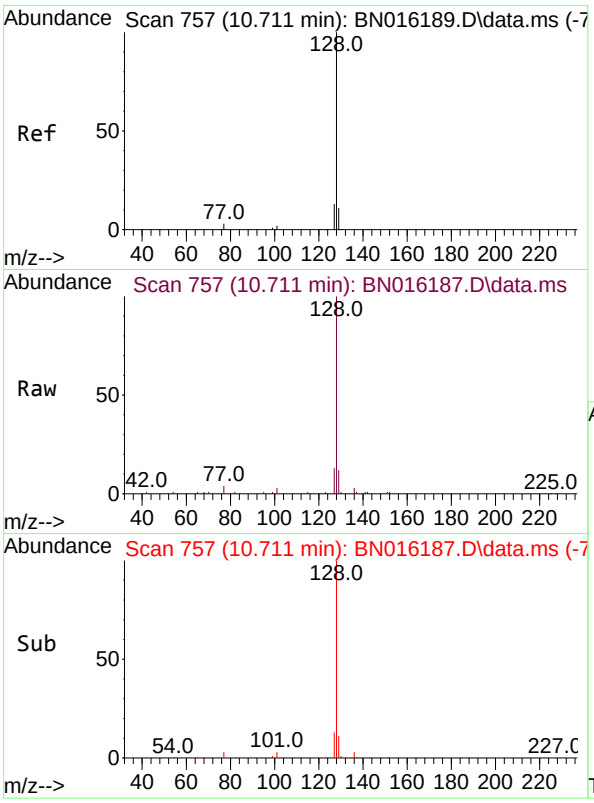
#8
Nitrobenzene-d5
Concen: 0.139 ng
RT: 9.025 min Scan# 624
Delta R.T. 0.000 min
Lab File: BN016187.D
Acq: 04 Sep 2021 10:46

Tgt Ion: 82 Resp: 6294

Ion	Ratio	Lower	Upper
82	100		
128	49.5	39.3	58.9
54	52.2	40.2	60.4



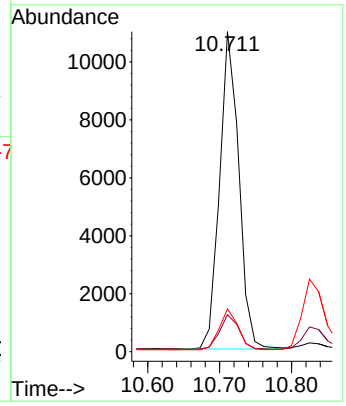
Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

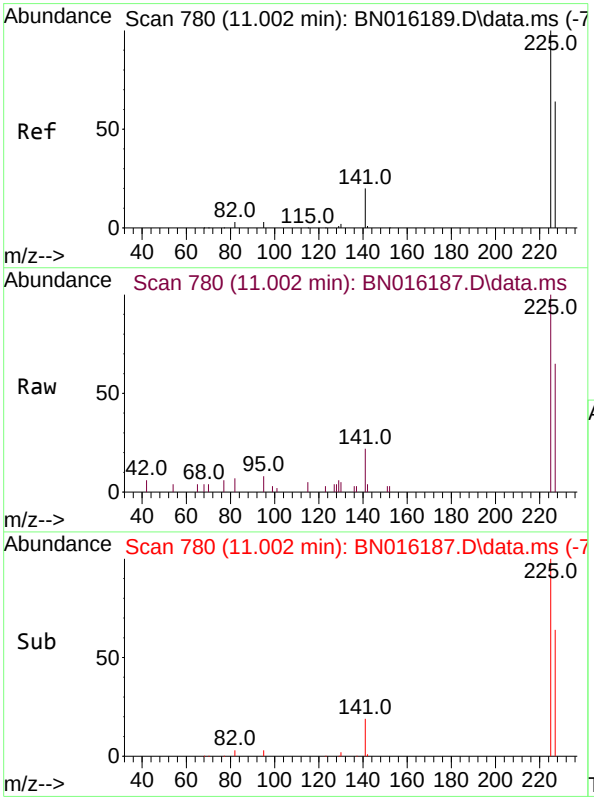


#9
Naphthalene
Concen: 0.112 ng
RT: 10.711 min Scan# 757
Delta R.T. 0.000 min
Lab File: BN016187.D
Acq: 04 Sep 2021 10:46

Tgt Ion:128 Resp: 20306

Ion	Ratio	Lower	Upper
128	100		
129	11.5	8.9	13.3
127	13.4	10.4	15.6

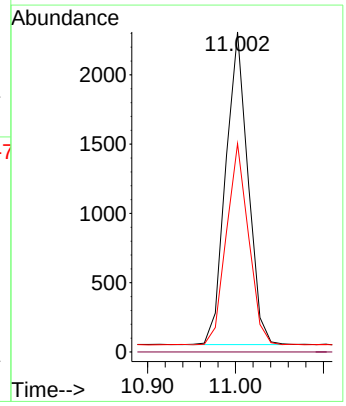


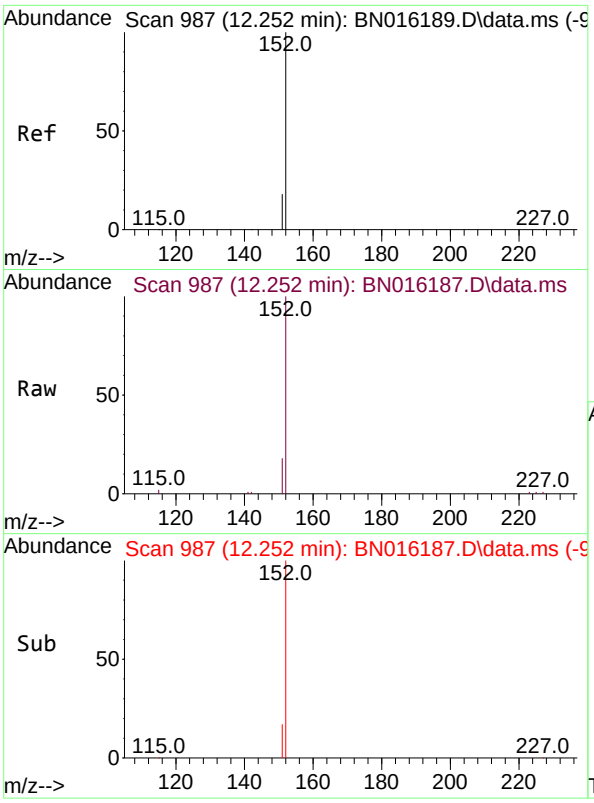


#10
Hexachlorobutadiene
Concen: 0.099 ng
RT: 11.002 min Scan# 780
Delta R.T. 0.000 min
Lab File: BN016187.D
Acq: 04 Sep 2021 10:46

Tgt Ion:225 Resp: 3978

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.7	51.2	76.8

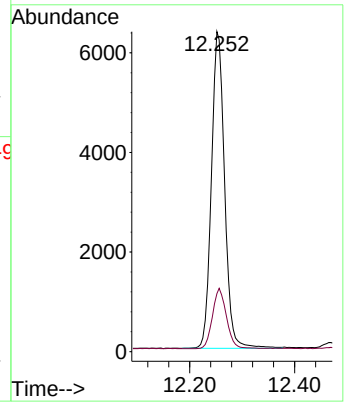




#11
2-Methylnaphthalene-d10
Concen: 0.107 ng
RT: 12.252 min Scan# 987
Delta R.T. 0.000 min
Lab File: BN016187.D
Acq: 04 Sep 2021 10:46

Tgt Ion:152 Resp: 11094

Ion	Ratio	Lower	Upper
152	100		
151	20.2	16.2	24.2



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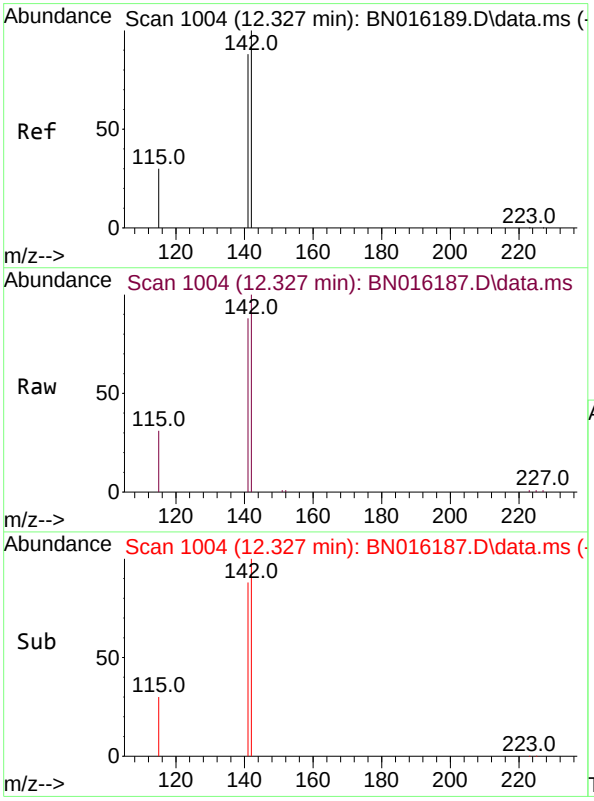
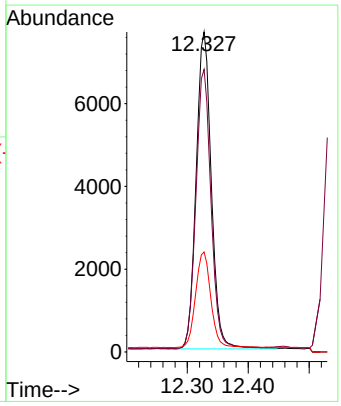
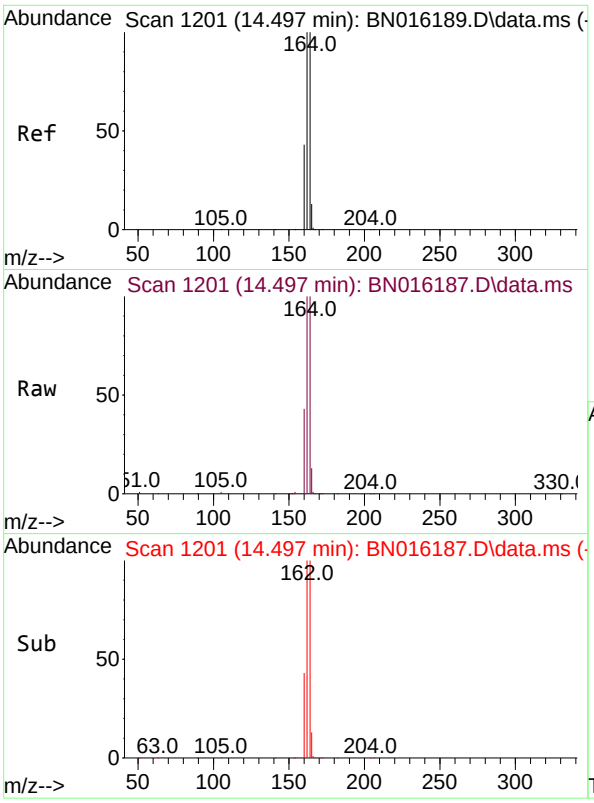


#12
2-Methylnaphthalene
Concen: 0.115 ng
RT: 12.327 min Scan# 1004
Delta R.T. 0.000 min
Lab File: BN016187.D
Acq: 04 Sep 2021 10:46

Tgt Ion:142 Resp: 13284

Ion	Ratio	Lower	Upper
142	100		
141	88.3	70.4	105.6
115	31.3	24.4	36.6

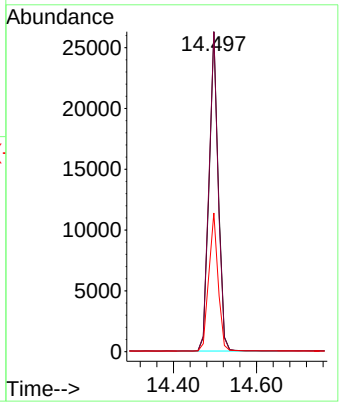




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.497 min Scan# 1201
Delta R.T. 0.000 min
Lab File: BN016187.D
Acq: 04 Sep 2021 10:46

Tgt Ion:164 Resp: 40209

Ion	Ratio	Lower	Upper
164	100		
162	99.9	79.8	119.6
160	43.4	34.2	51.4



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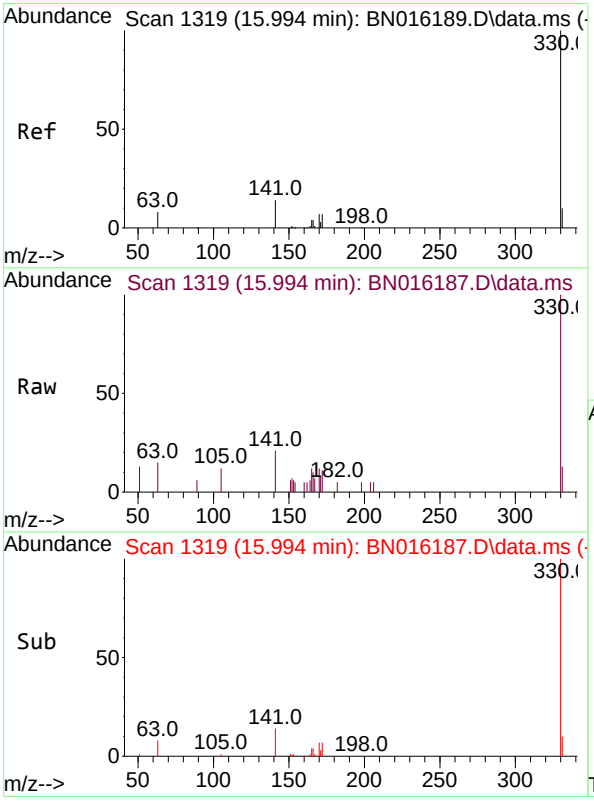
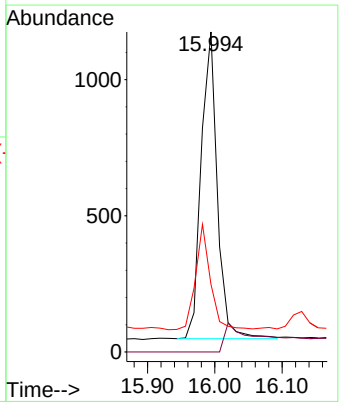


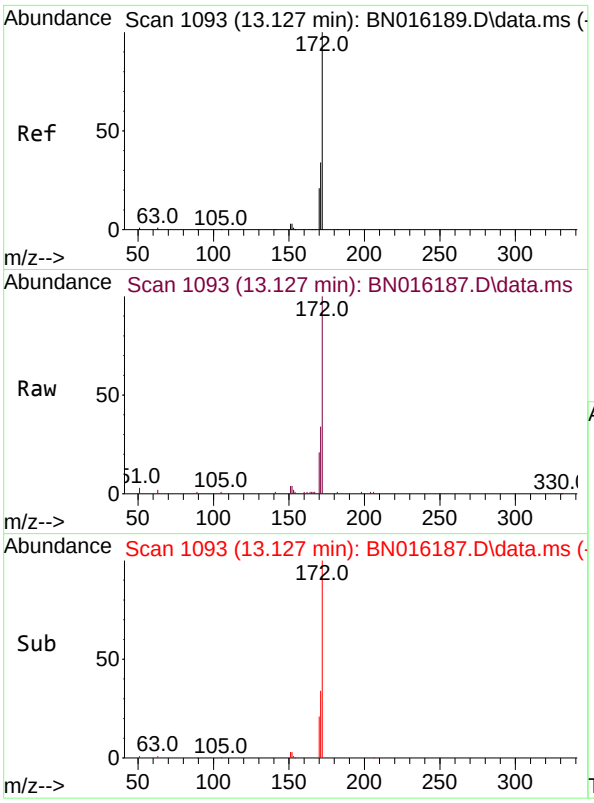
#14
2,4,6-Tribromophenol
Concen: 0.162 ng
RT: 15.994 min Scan# 1319
Delta R.T. 0.000 min
Lab File: BN016187.D
Acq: 04 Sep 2021 10:46

Tgt Ion:330 Resp: 1844

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	31.8	25.4	38.2



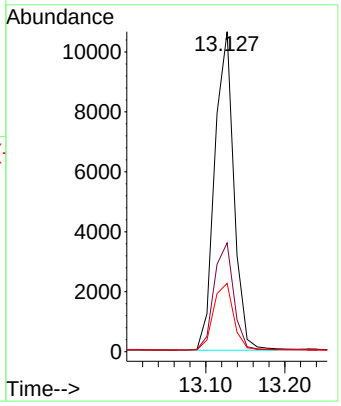
Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

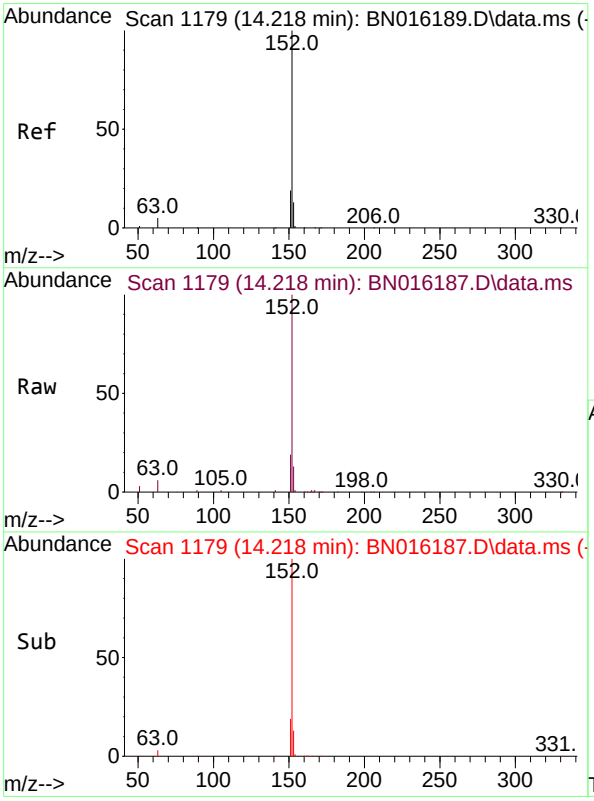


#15
2-Fluorobiphenyl
Concen: 0.111 ng
RT: 13.127 min Scan# 1093
Delta R.T. 0.000 min
Lab File: BN016187.D
Acq: 04 Sep 2021 10:46

Tgt Ion:172 Resp: 17899

Ion	Ratio	Lower	Upper
172	100		
171	34.0	26.9	40.3
170	21.4	17.1	25.7

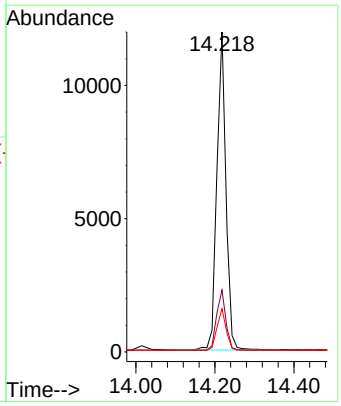




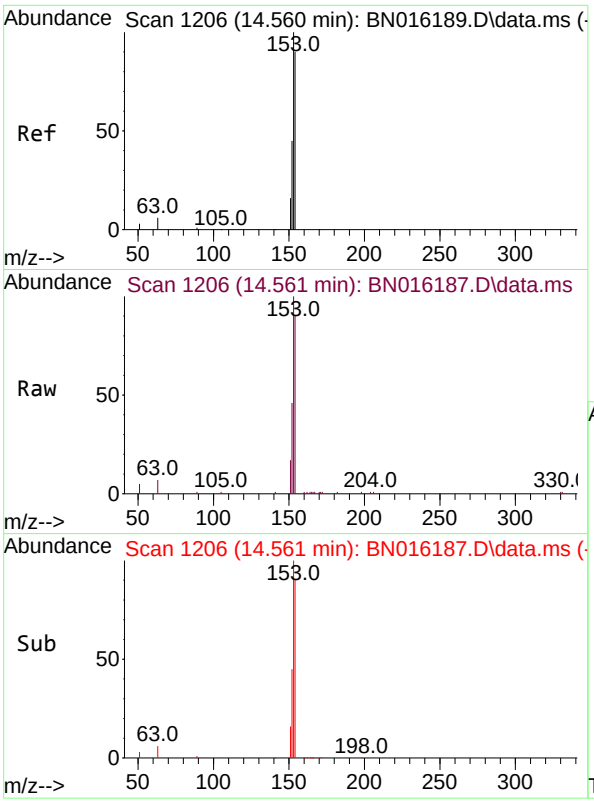
#16
Acenaphthylene
Concen: 0.129 ng
RT: 14.218 min Scan# 1179
Delta R.T. 0.000 min
Lab File: BN016187.D
Acq: 04 Sep 2021 10:46

Tgt Ion:152 Resp: 19079

Ion	Ratio	Lower	Upper
152	100		
151	19.3	15.3	22.9
153	13.2	10.4	15.6



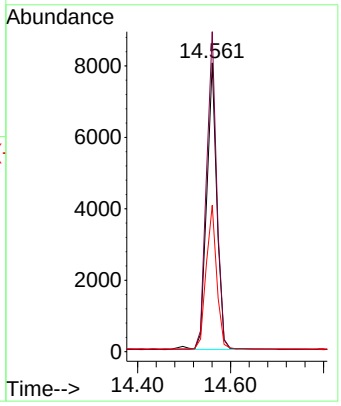
Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

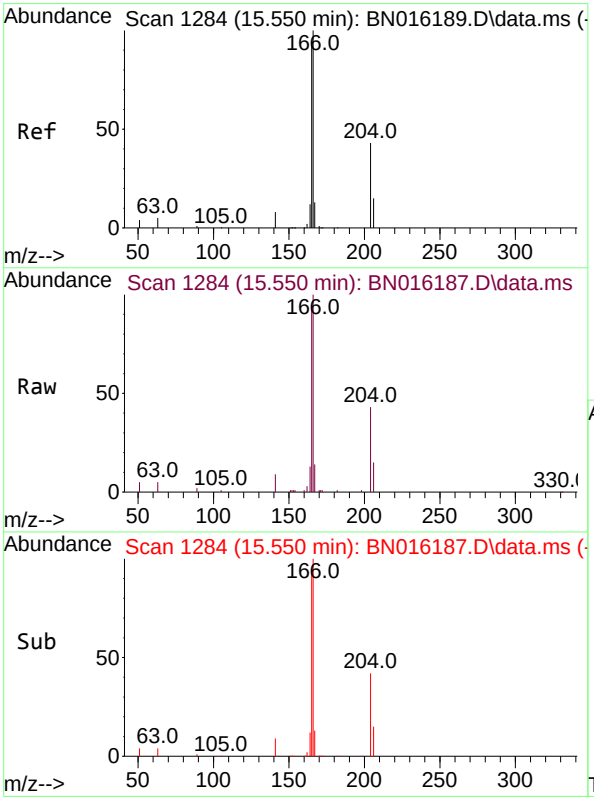


#17
Acenaphthene
Concen: 0.108 ng
RT: 14.561 min Scan# 1206
Delta R.T. 0.000 min
Lab File: BN016187.D
Acq: 04 Sep 2021 10:46

Tgt Ion:154 Resp: 12228

Ion	Ratio	Lower	Upper
154	100		
153	111.5	89.1	133.7
152	52.0	41.2	61.8

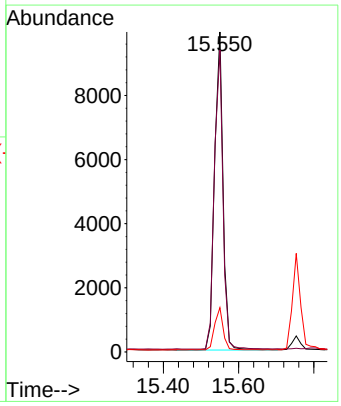


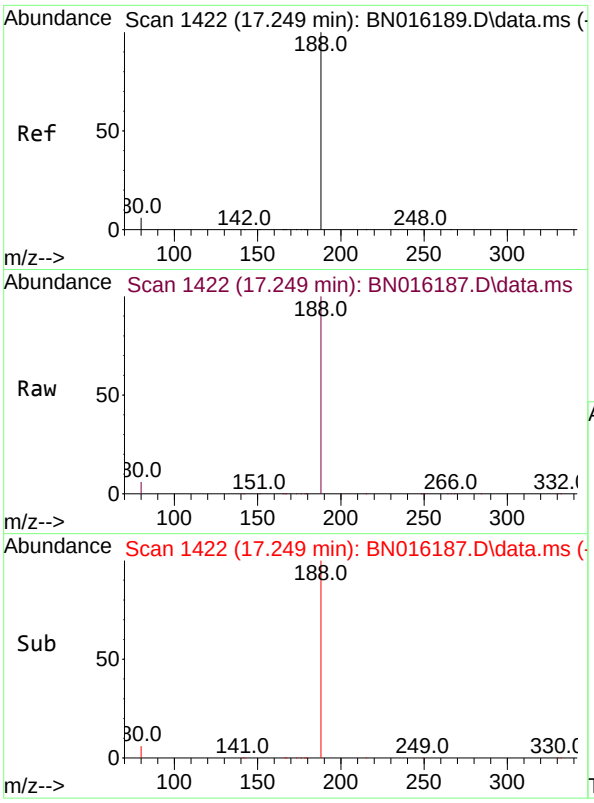


#18
Fluorene
Concen: 0.114 ng
RT: 15.550 min Scan# 1284
Delta R.T. 0.000 min
Lab File: BN016187.D
Acq: 04 Sep 2021 10:46

Tgt Ion:166 Resp: 15425

Ion	Ratio	Lower	Upper
166	100		
165	95.4	77.0	115.6
167	13.4	10.9	16.3

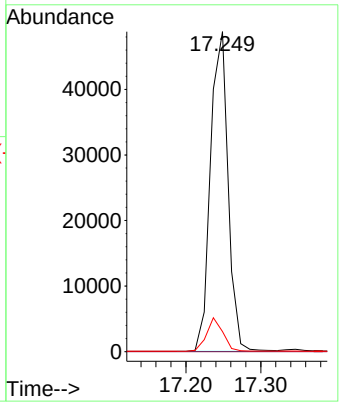




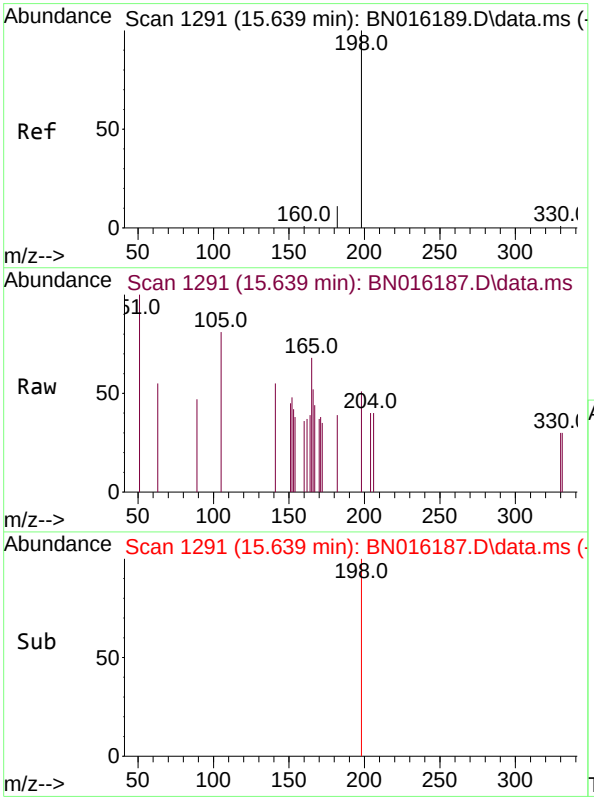
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.249 min Scan# 1422
Delta R.T. 0.000 min
Lab File: BN016187.D
Acq: 04 Sep 2021 10:46

Tgt Ion:188 Resp: 79593

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	6.3	5.0	7.6



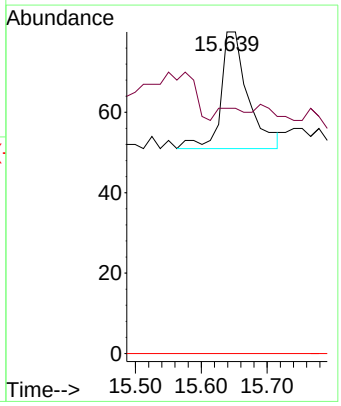
Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

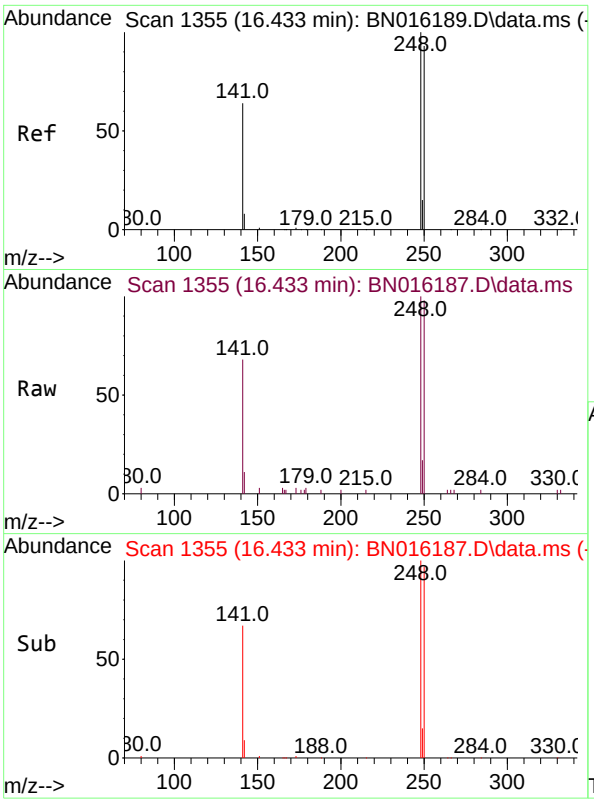


#20
4,6-Dinitro-2-methylphenol
Concen: 0.016 ng
RT: 15.639 min Scan# 1291
Delta R.T. 0.000 min
Lab File: BN016187.D
Acq: 04 Sep 2021 10:46

Tgt Ion:198 Resp: 84

Ion	Ratio	Lower	Upper
198	100		
182	76.3	28.8	43.2#
77	0.0	0.0	0.0

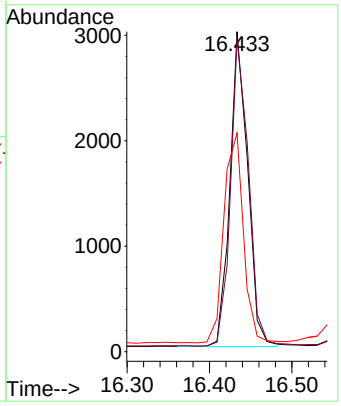




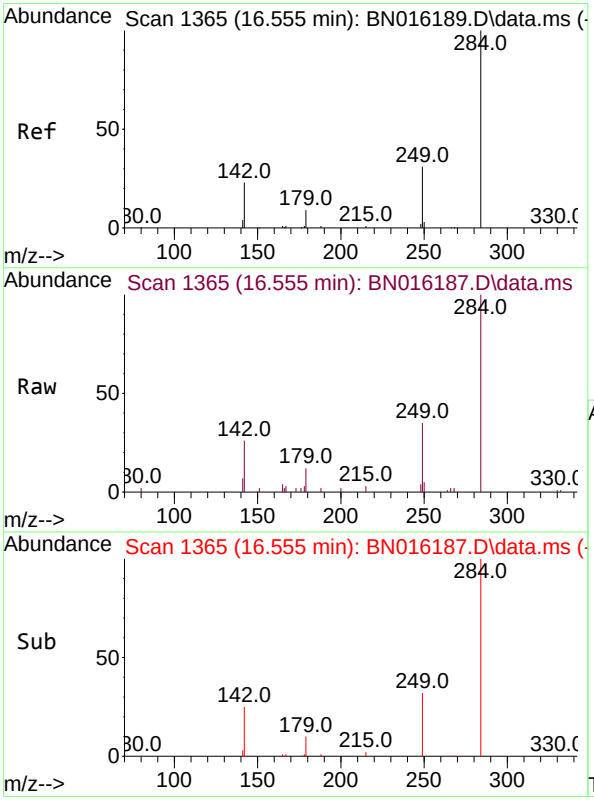
#21
4-Bromophenyl-phenylether
Concen: 0.112 ng
RT: 16.433 min Scan# 1355
Delta R.T. 0.000 min
Lab File: BN016187.D
Acq: 04 Sep 2021 10:46

Tgt Ion:248 Resp: 4475

Ion	Ratio	Lower	Upper
248	100		
250	97.6	74.6	112.0
141	68.3	51.6	77.4



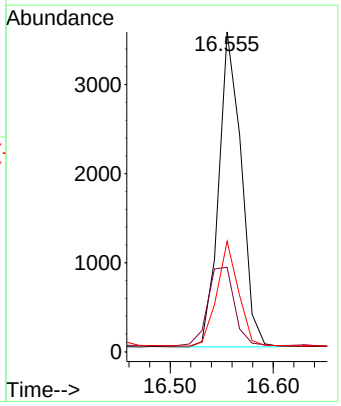
Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1



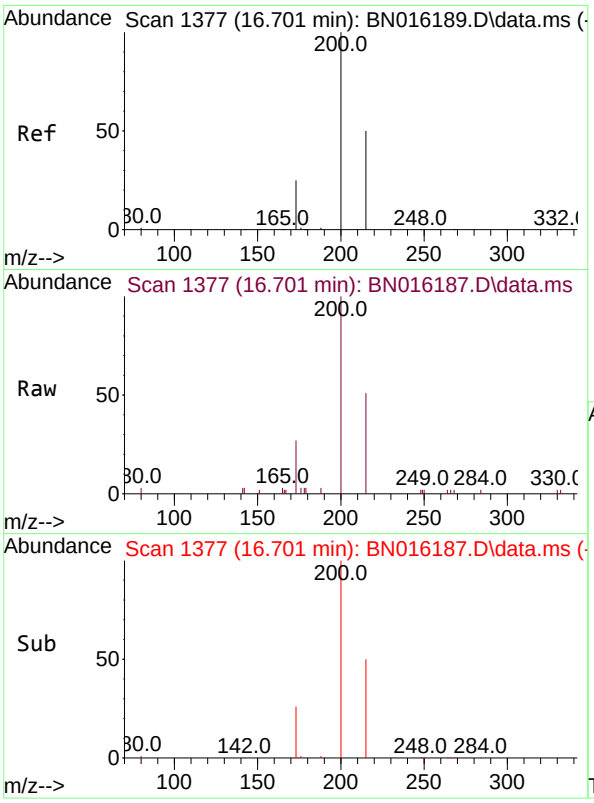
#22
Hexachlorobenzene
Concen: 0.096 ng
RT: 16.555 min Scan# 1365
Delta R.T. 0.000 min
Lab File: BN016187.D
Acq: 04 Sep 2021 10:46

Tgt Ion:284 Resp: 5379

Ion	Ratio	Lower	Upper
284	100		
142	29.4	22.7	34.1
249	31.5	24.3	36.5



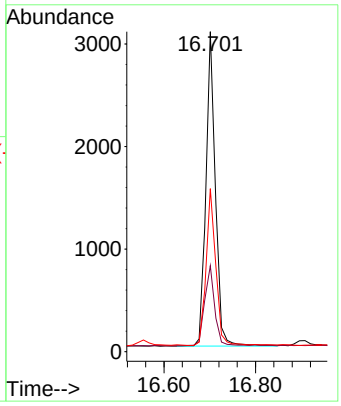
Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

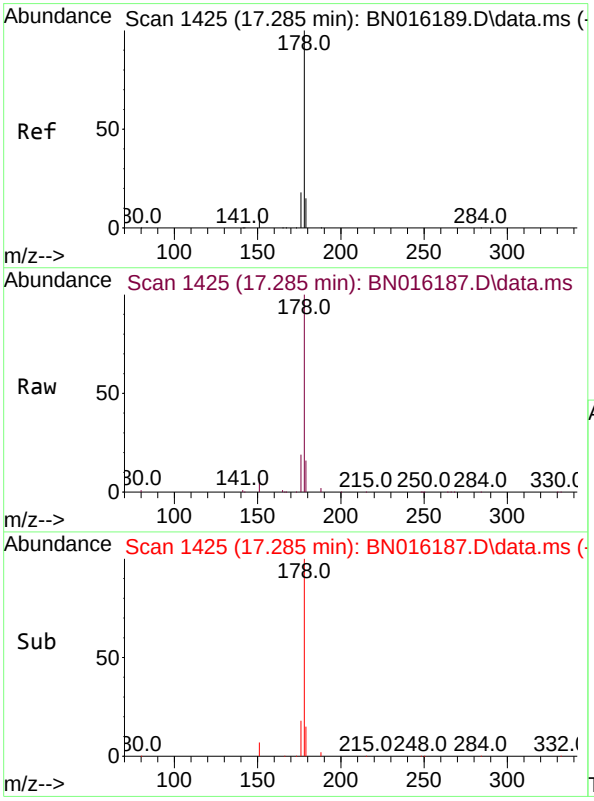


#23
Atrazine
Concen: 0.180 ng
RT: 16.701 min Scan# 1377
Delta R.T. 0.000 min
Lab File: BN016187.D
Acq: 04 Sep 2021 10:46

Tgt Ion:200 Resp: 4406

Ion	Ratio	Lower	Upper
200	100		
173	26.9	20.6	31.0
215	50.9	40.5	60.7

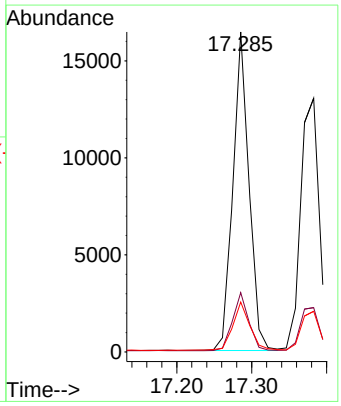


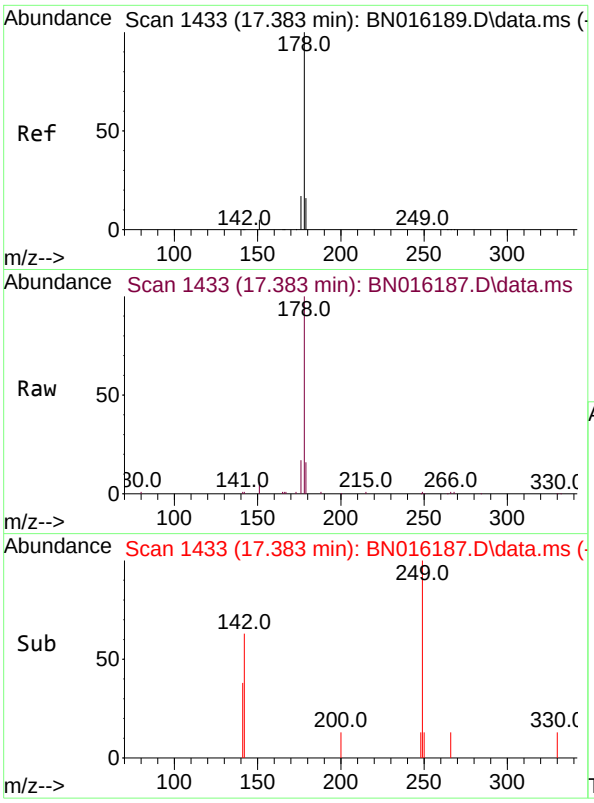


#25
Phenanthrene
Concen: 0.108 ng
RT: 17.285 min Scan# 1425
Delta R.T. 0.000 min
Lab File: BN016187.D
Acq: 04 Sep 2021 10:46

Tgt Ion:178 Resp: 24471

Ion	Ratio	Lower	Upper
178	100		
176	18.2	14.5	21.7
179	16.2	12.3	18.5

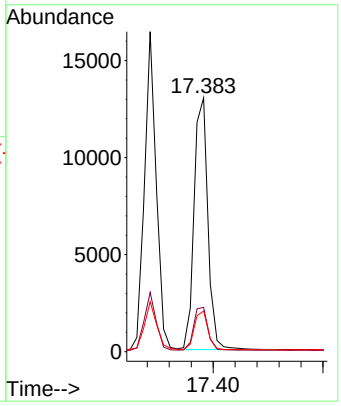




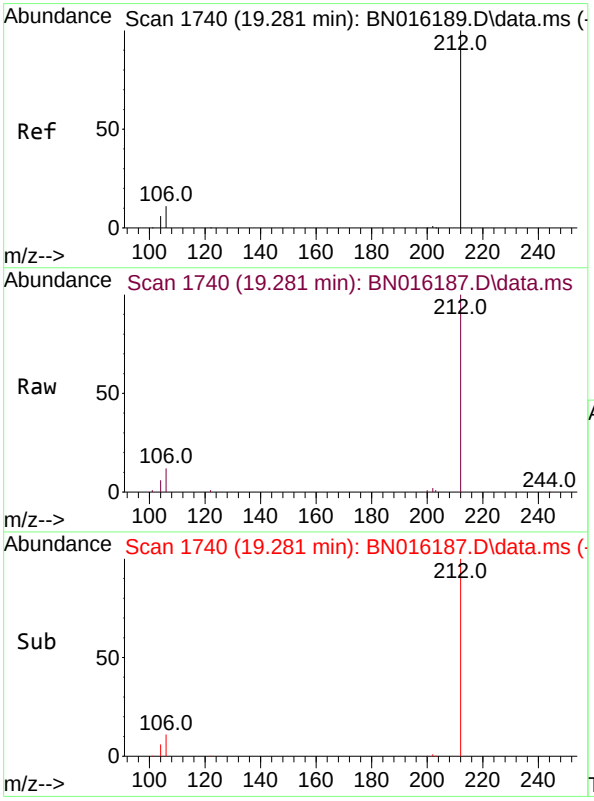
#26
Anthracene
Concen: 0.123 ng
RT: 17.383 min Scan# 1433
Delta R.T. 0.000 min
Lab File: BN016187.D
Acq: 04 Sep 2021 10:46

Tgt Ion:178 Resp: 22736

Ion	Ratio	Lower	Upper
178	100		
176	17.5	13.8	20.8
179	15.2	12.4	18.6



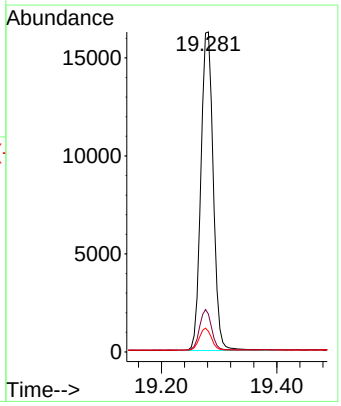
Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

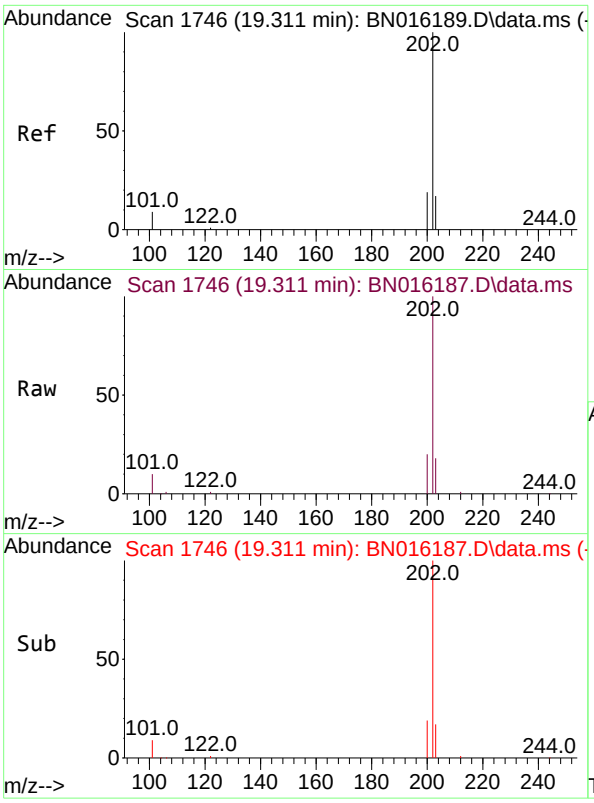


#27
Fluoranthene-d10
Concen: 0.108 ng
RT: 19.281 min Scan# 1740
Delta R.T. 0.000 min
Lab File: BN016187.D
Acq: 04 Sep 2021 10:46

Tgt Ion:212 Resp: 24169

Ion	Ratio	Lower	Upper
212	100		
106	12.4	9.7	14.5
104	6.9	5.4	8.0

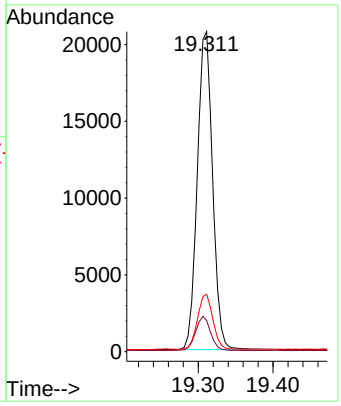




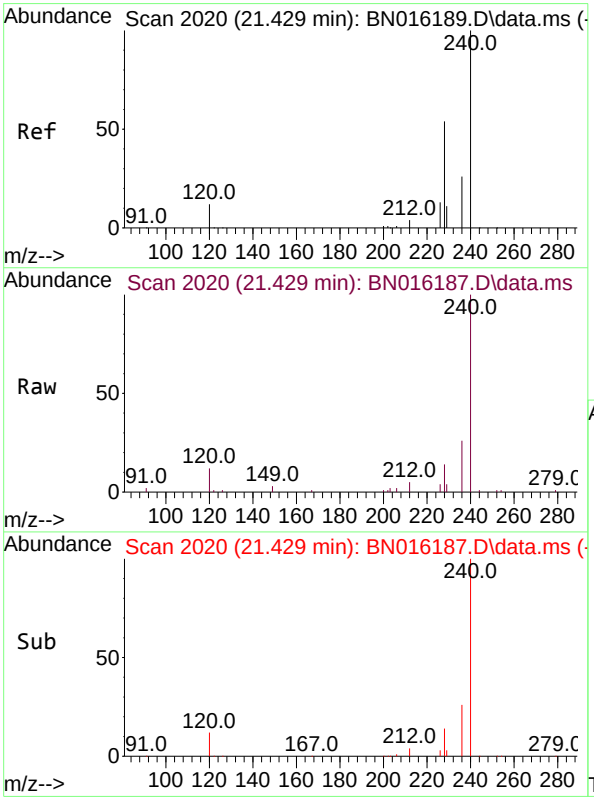
#28
Fluoranthene
Concen: 0.117 ng
RT: 19.311 min Scan# 1746
Delta R.T. 0.000 min
Lab File: BN016187.D
Acq: 04 Sep 2021 10:46

Tgt Ion:202 Resp: 29411

Ion	Ratio	Lower	Upper
202	100		
101	10.5	8.4	12.6
203	17.3	13.8	20.8



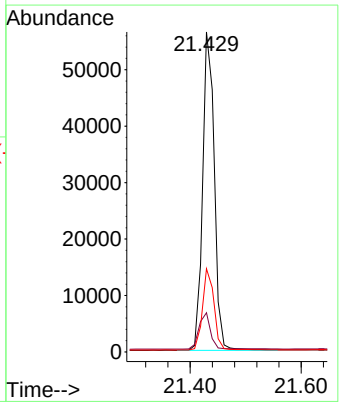
Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1



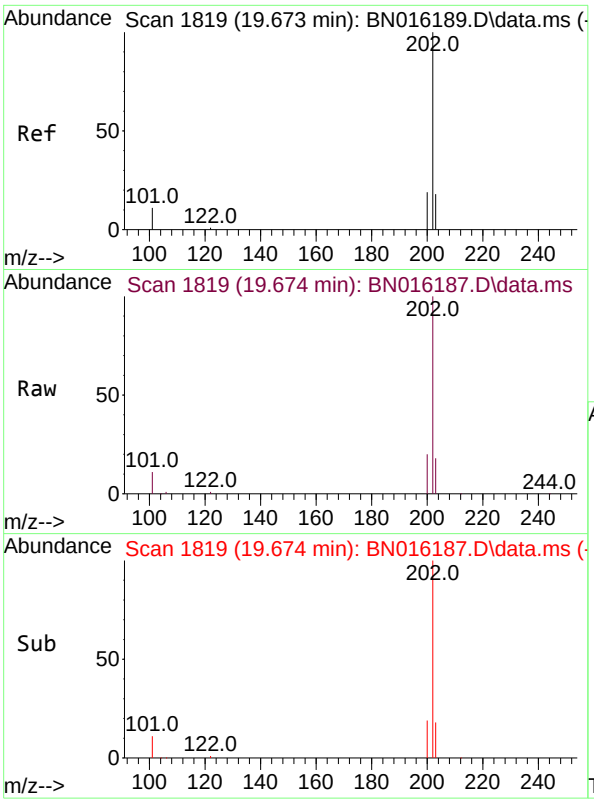
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.429 min Scan# 2020
Delta R.T. 0.000 min
Lab File: BN016187.D
Acq: 04 Sep 2021 10:46

Tgt Ion:240 Resp: 82688

Ion	Ratio	Lower	Upper
240	100		
120	12.3	10.0	15.0
236	26.0	20.9	31.3



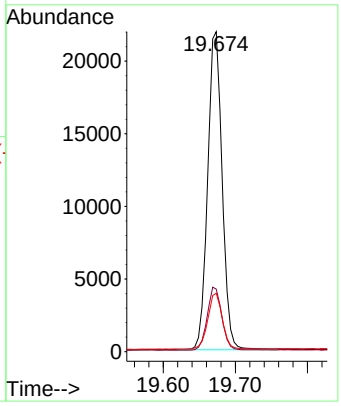
Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

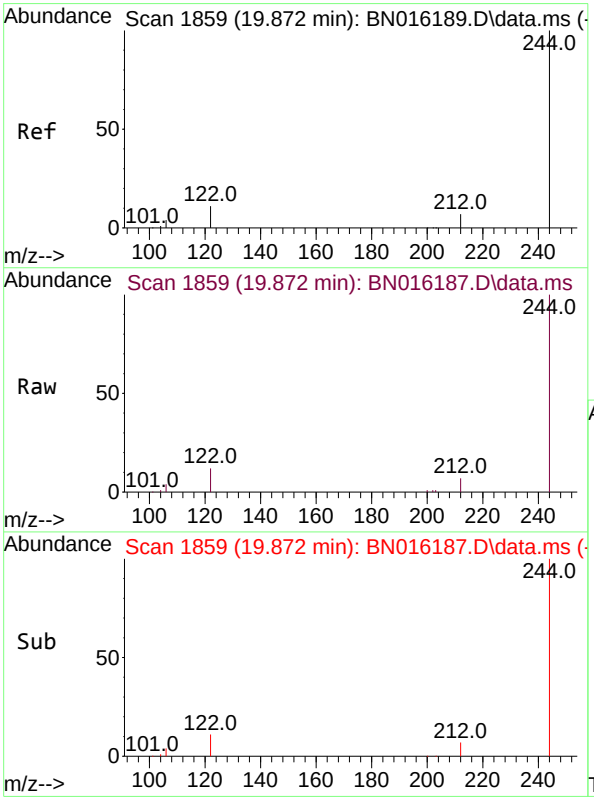


#30
Pyrene
Concen: 0.124 ng
RT: 19.674 min Scan# 1819
Delta R.T. 0.000 min
Lab File: BN016187.D
Acq: 04 Sep 2021 10:46

Tgt Ion:202 Resp: 30553

Ion	Ratio	Lower	Upper
202	100		
200	19.8	15.8	23.8
203	17.8	14.1	21.1

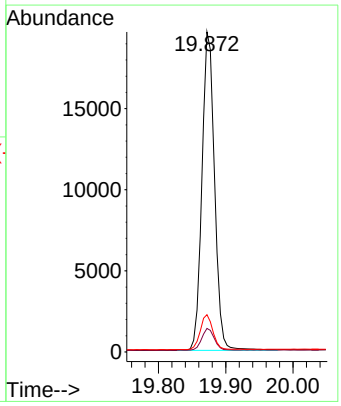




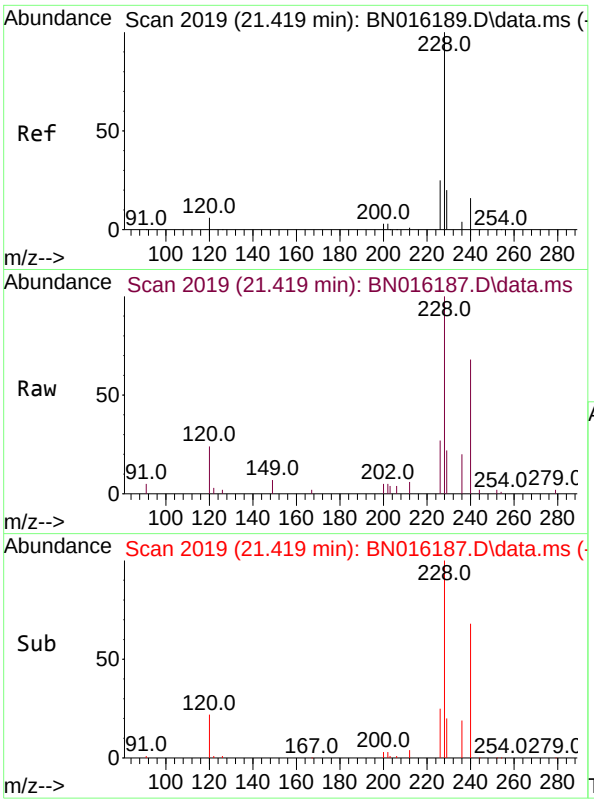
#31
Terphenyl-d14
Concen: 0.126 ng
RT: 19.872 min Scan# 1859
Delta R.T. 0.000 min
Lab File: BN016187.D
Acq: 04 Sep 2021 10:46

Tgt Ion:244 Resp: 25528

Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.5	8.3
122	11.7	9.0	13.4



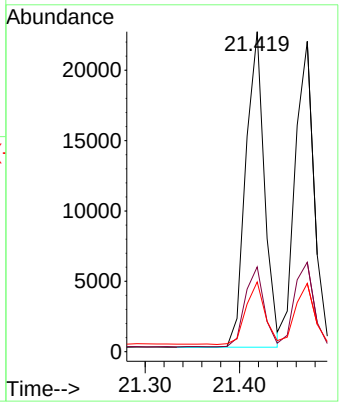
Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

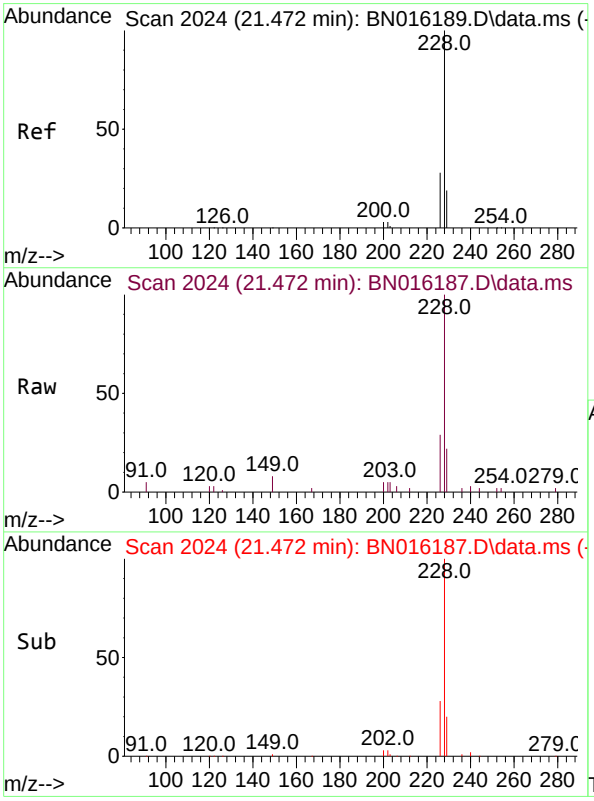


#32
Benzo(a)anthracene
Concen: 0.123 ng
RT: 21.419 min Scan# 2019
Delta R.T. 0.000 min
Lab File: BN016187.D
Acq: 04 Sep 2021 10:46

Tgt Ion:228 Resp: 30826

Ion	Ratio	Lower	Upper
228	100		
226	26.5	20.5	30.7
229	21.8	16.2	24.4

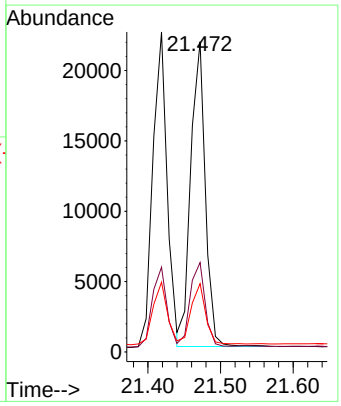




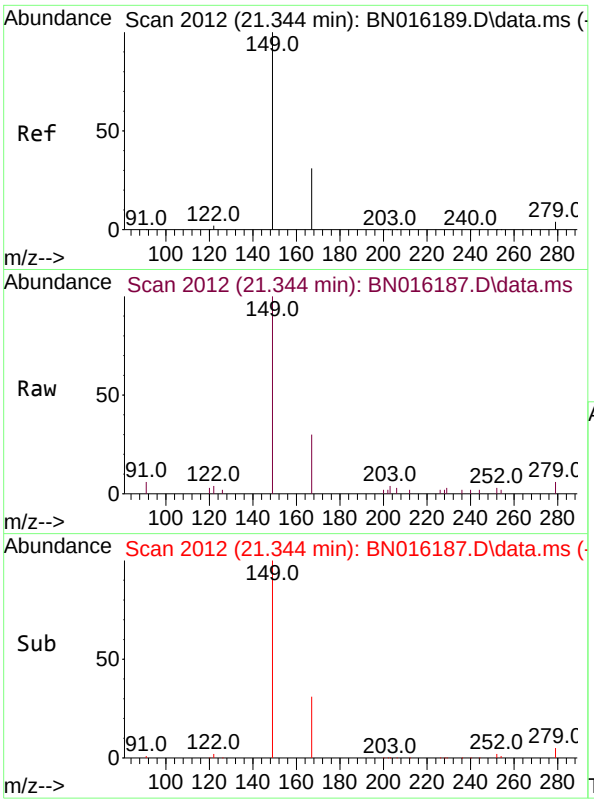
#33
Chrysene
Concen: 0.114 ng
RT: 21.472 min Scan# 2024
Delta R.T. 0.000 min
Lab File: BN016187.D
Acq: 04 Sep 2021 10:46

Tgt Ion:228 Resp: 30377

Ion	Ratio	Lower	Upper
228	100		
226	28.8	22.5	33.7
229	22.0	16.0	24.0



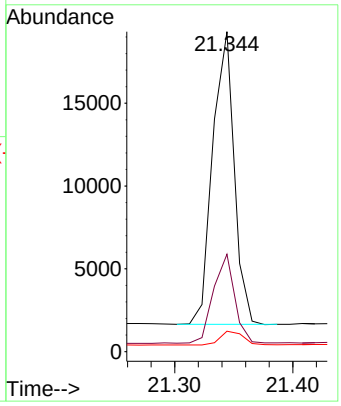
Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

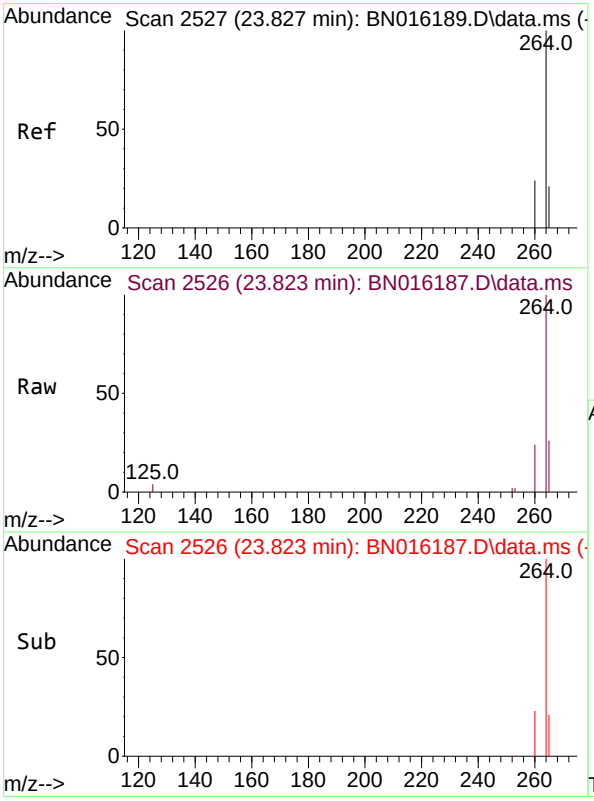


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.335 ng
RT: 21.344 min Scan# 2012
Delta R.T. 0.000 min
Lab File: BN016187.D
Acq: 04 Sep 2021 10:46

Tgt Ion:149 Resp: 22407

Ion	Ratio	Lower	Upper
149	100		
167	30.3	24.2	36.4
279	5.4	4.0	6.0

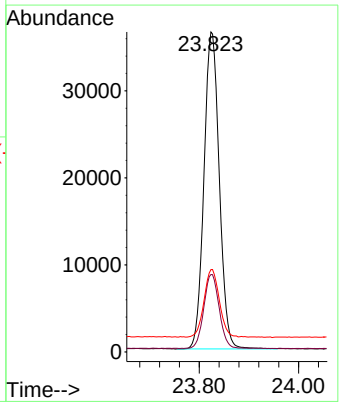




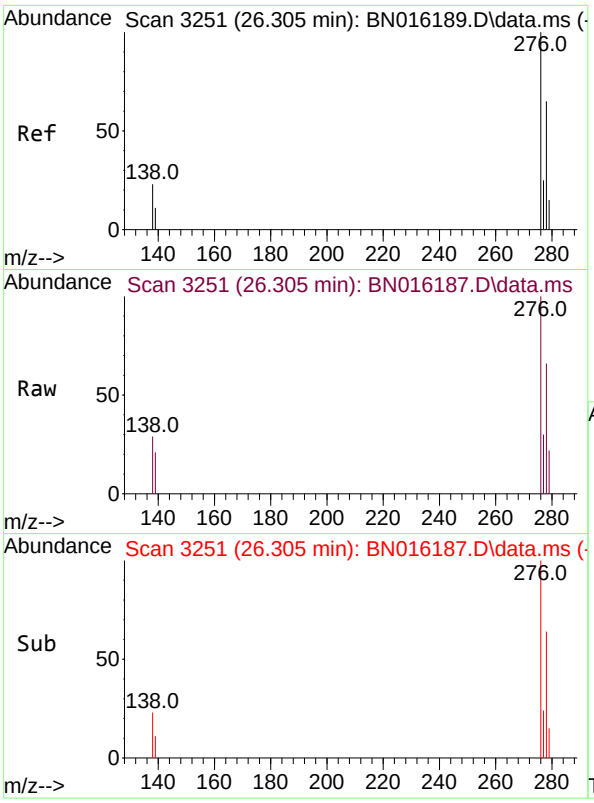
#35
Perylene-d12
Concen: 0.400 ng
RT: 23.823 min Scan# 2526
Delta R.T. -0.003 min
Lab File: BN016187.D
Acq: 04 Sep 2021 10:46

Tgt Ion:264 Resp: 78110

Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.5	29.3
265	25.7	20.2	30.2



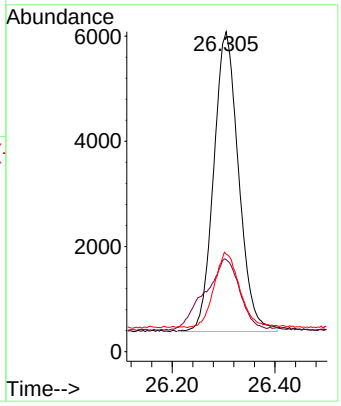
Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

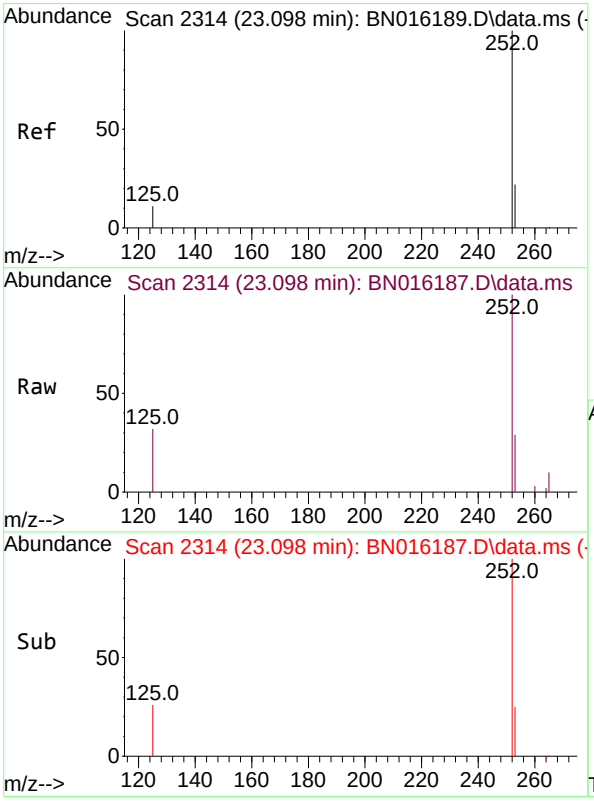


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.065 ng
RT: 26.305 min Scan# 3251
Delta R.T. 0.000 min
Lab File: BN016187.D
Acq: 04 Sep 2021 10:46

Tgt Ion:276 Resp: 19120

Ion	Ratio	Lower	Upper
276	100		
138	31.2	19.5	29.3#
277	25.9	20.2	30.4

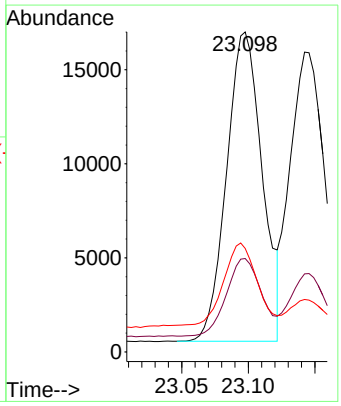


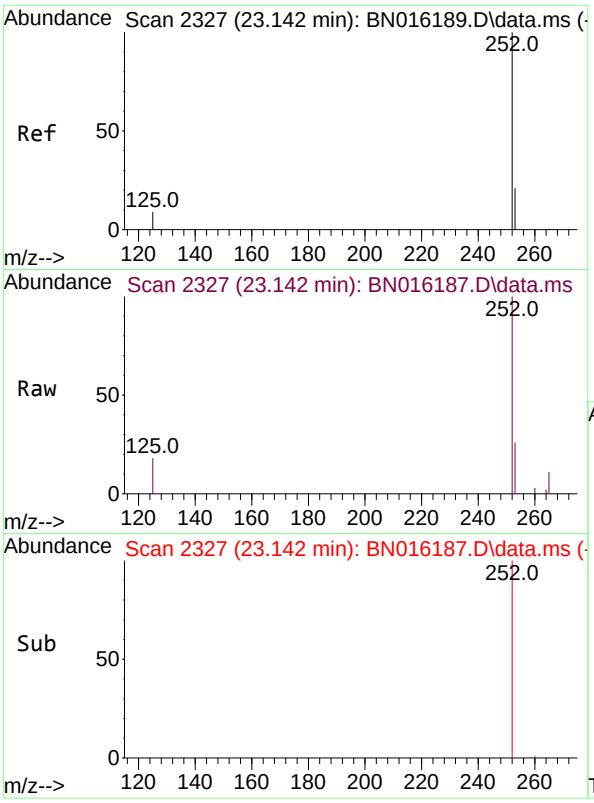


#37
Benzo(b)fluoranthene
Concen: 0.110 ng
RT: 23.098 min Scan# 2314
Delta R.T. 0.000 min
Lab File: BN016187.D
Acq: 04 Sep 2021 10:46

Tgt Ion:252 Resp: 30641

Ion	Ratio	Lower	Upper
252	100		
253	29.2	18.6	27.8#
125	32.3	10.5	15.7#

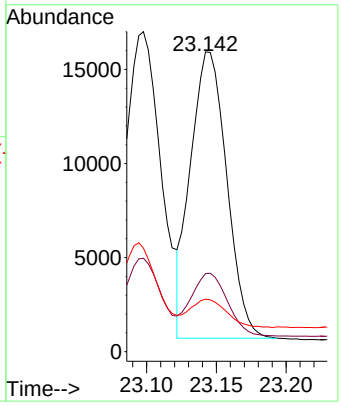




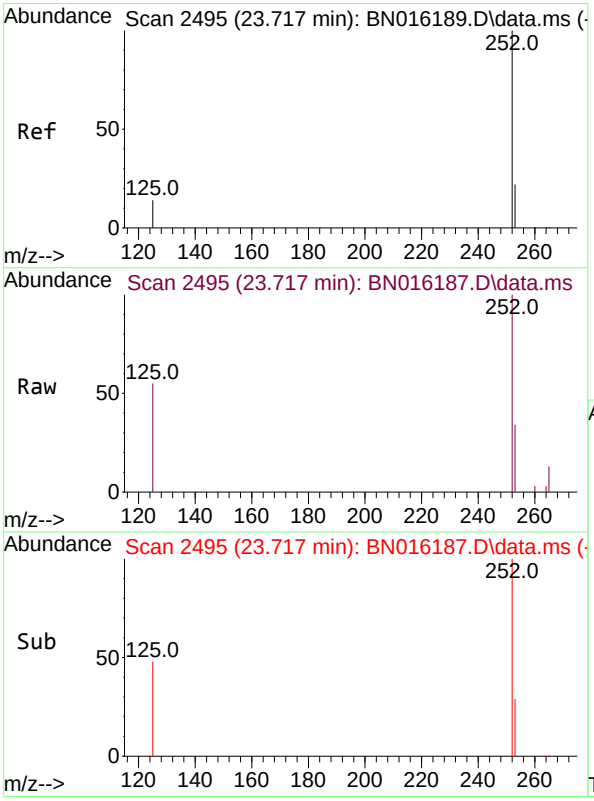
#38
Benzo(k)fluoranthene
Concen: 0.106 ng
RT: 23.142 min Scan# 2327
Delta R.T. 0.000 min
Lab File: BN016187.D
Acq: 04 Sep 2021 10:46

Tgt Ion:252 Resp: 27531

Ion	Ratio	Lower	Upper
252	100		
253	26.0	18.2	27.2
125	17.5	9.1	13.7#



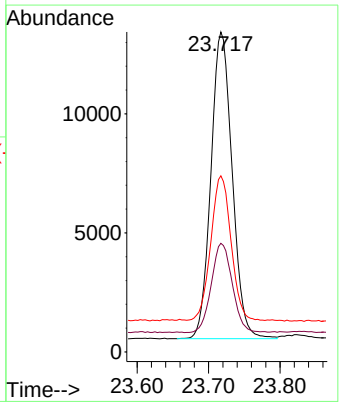
Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

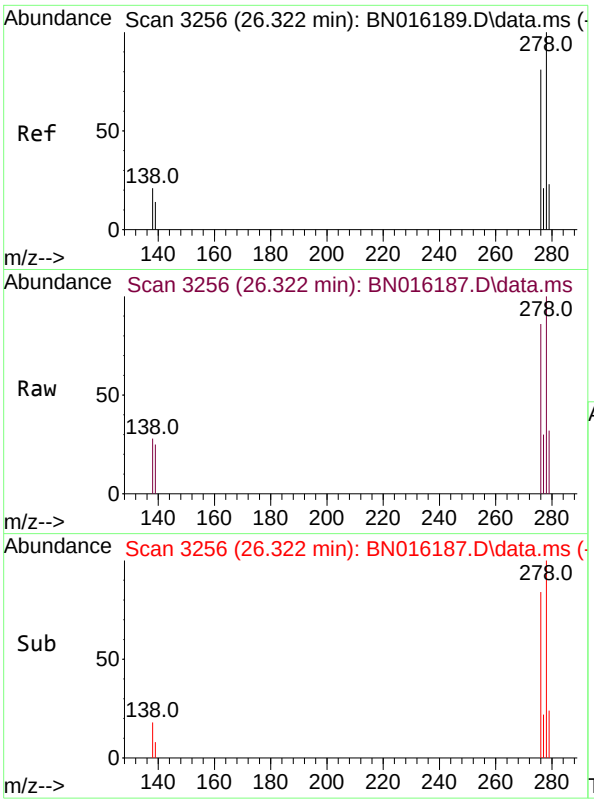


#39
Benzo(a)pyrene
Concen: 0.111 ng
RT: 23.717 min Scan# 2495
Delta R.T. 0.000 min
Lab File: BN016187.D
Acq: 04 Sep 2021 10:46

Tgt Ion:252 Resp: 26684

Ion	Ratio	Lower	Upper
252	100		
253	33.9	19.0	28.4#
125	55.1	12.6	19.0#

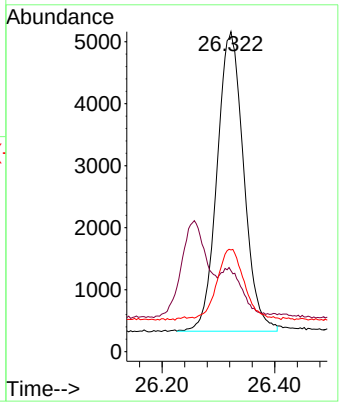




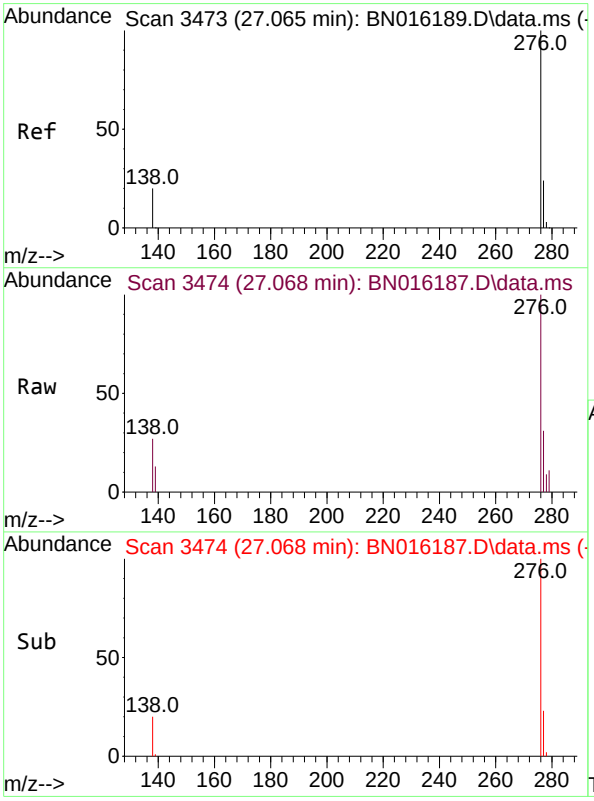
#40
Dibenzo(a,h)anthracene
Concen: 0.065 ng
RT: 26.322 min Scan# 3256
Delta R.T. 0.000 min
Lab File: BN016187.D
Acq: 04 Sep 2021 10:46

Tgt Ion:278 Resp: 15788

Ion	Ratio	Lower	Upper
278	100		
139	25.3	14.0	21.0#
279	31.8	20.2	30.2#



Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1



#41
Benzo(g,h,i)perylene
Concen: 0.062 ng
RT: 27.068 min Scan# 3474
Delta R.T. 0.004 min
Lab File: BN016187.D
Acq: 04 Sep 2021 10:46

Tgt Ion:276 Resp: 15705

Ion	Ratio	Lower	Upper
276	100		
277	31.4	20.3	30.5#
138	27.2	17.5	26.3#