Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122123\
Data File : BN029166.D
Acq On : 22 Dec 2023 00:31
Operator : MA/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Quant Time: Dec 22 01:14:54 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN122023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 20 18:03:30 2023
Response via : Initial Calibration

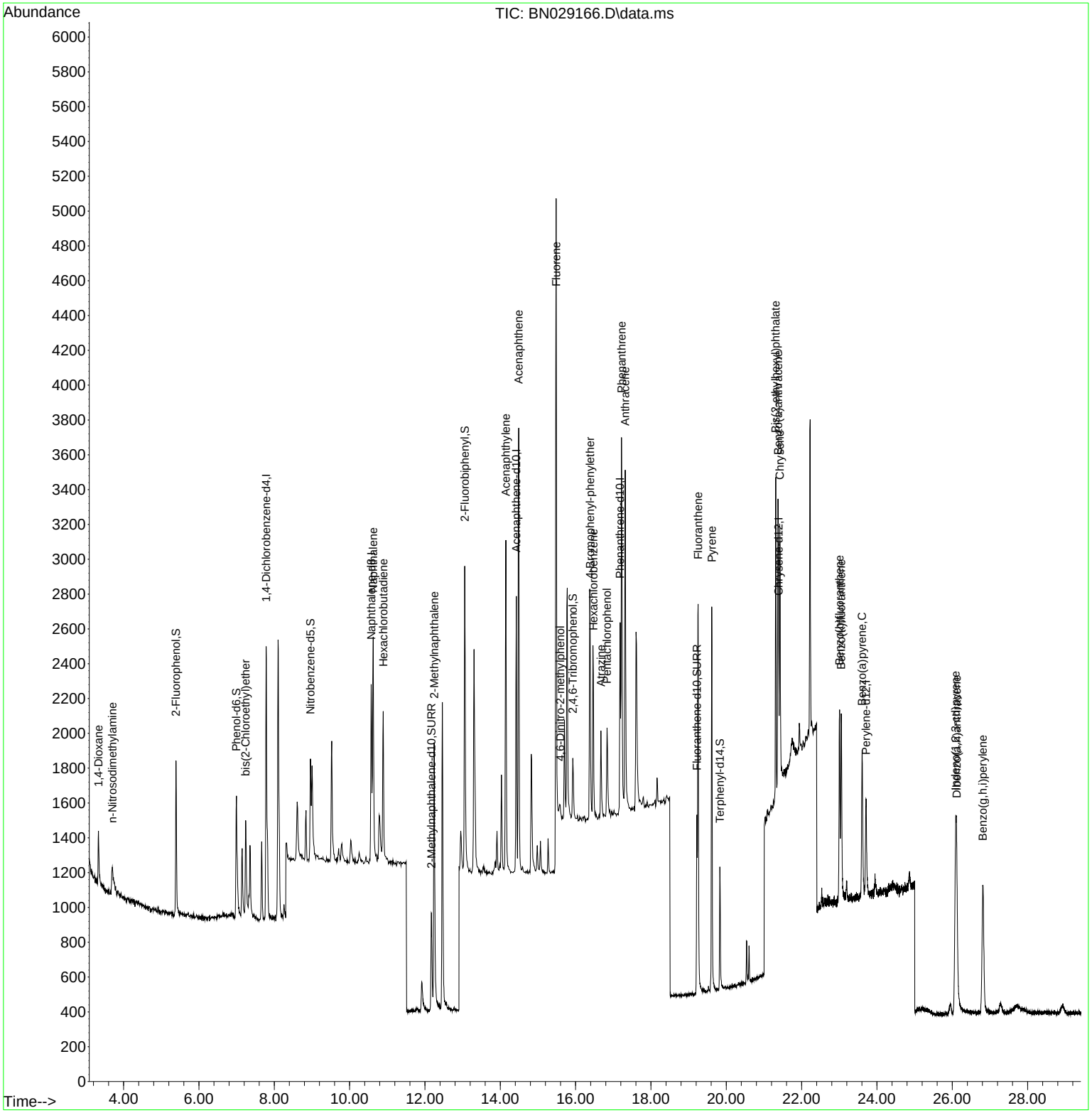
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.782	152	867	0.400	ng		-0.01
7) Naphthalene-d8	10.573	136	1639	0.400	ng		-0.01
13) Acenaphthene-d10	14.425	164	904	0.400	ng		0.00
19) Phenanthrene-d10	17.181	188	1589	0.400	ng		# 0.00
29) Chrysene-d12	21.393	240	660	0.400	ng		0.00
35) Perylene-d12	23.709	264	778	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.391	112	777	0.374	ng		-0.01
5) Phenol-d6	6.995	99	811	0.356	ng		0.00
8) Nitrobenzene-d5	8.961	82	723	0.338	ng		0.00
11) 2-Methylnaphthalene-d10	12.170	152	1015	0.409	ng		0.00
14) 2,4,6-Tribromophenol	15.927	330	249	0.315	ng		0.00
15) 2-Fluorobiphenyl	13.057	172	1879	0.356	ng		0.00
27) Fluoranthene-d10	19.220	212	1295	0.337	ng		0.00
31) Terphenyl-d14	19.833	244	748	0.413	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.333	88	315	0.386	ng		94
3) n-Nitrosodimethylamine	3.701	42	218	0.389	ng	#	81
6) bis(2-Chloroethyl)ether	7.240	93	569	0.321	ng		99
9) Naphthalene	10.626	128	1921	0.360	ng		100
10) Hexachlorobutadiene	10.893	225	608	0.346	ng	#	99
12) 2-Methylnaphthalene	12.246	142	1358	0.389	ng		97
16) Acenaphthylene	14.147	152	2258	0.354	ng		99
17) Acenaphthene	14.490	154	1395	0.365	ng		95
18) Fluorene	15.484	166	1987	0.386	ng		96
20) 4,6-Dinitro-2-methylph...	15.592	198	127	0.231	ng		90
21) 4-Bromophenyl-phenylether	16.386	248	568	0.346	ng		98
22) Hexachlorobenzene	16.473	284	674	0.352	ng		96
23) Atrazine	16.672	200	533	0.387	ng		96
24) Pentachlorophenol	16.833	266	342	0.301	ng		91
25) Phenanthrene	17.218	178	2553	0.389	ng		96
26) Anthracene	17.317	178	2436	0.384	ng		98
28) Fluoranthene	19.252	202	2330	0.344	ng		100
30) Pyrene	19.615	202	2288	0.440	ng		100
32) Benzo(a)anthracene	21.375	228	1399	0.385	ng		98
33) Chrysene	21.420	228	1421	0.396	ng		99
34) Bis(2-ethylhexyl)phtha...	21.313	149	1754	0.398	ng		98
36) Indeno(1,2,3-cd)pyrene	26.086	276	1979	0.395	ng	#	80
37) Benzo(b)fluoranthene	23.008	252	1525	0.385	ng		96
38) Benzo(k)fluoranthene	23.052	252	1589	0.410	ng		97
39) Benzo(a)pyrene	23.607	252	1327	0.376	ng		98
40) Dibenzo(a,h)anthracene	26.118	278	1555	0.403	ng		98
41) Benzo(g,h,i)perylene	26.814	276	1715	0.404	ng		97

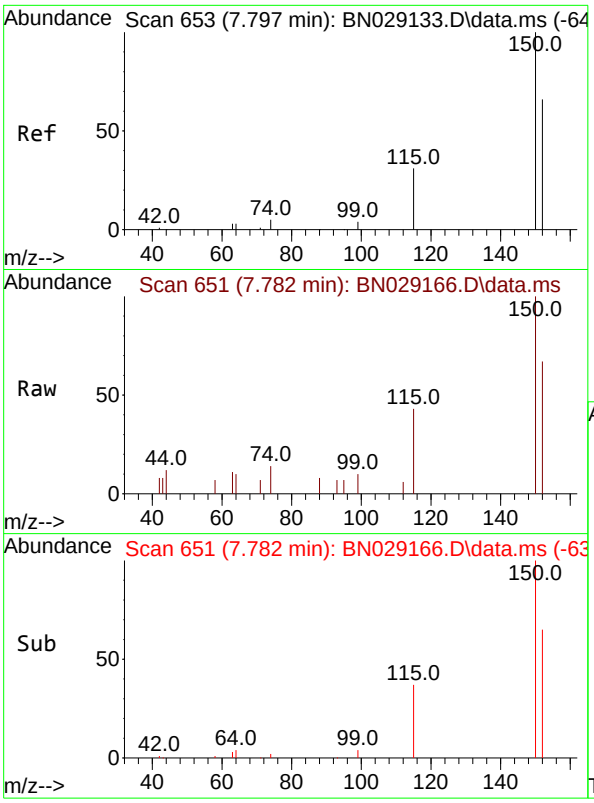
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122123\
Data File : BN029166.D
Acq On : 22 Dec 2023 00:31
Operator : MA/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Quant Time: Dec 22 01:14:54 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN122023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 20 18:03:30 2023
Response via : Initial Calibration



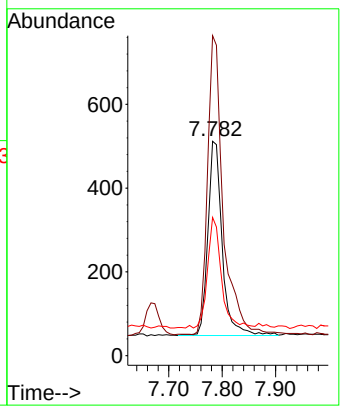


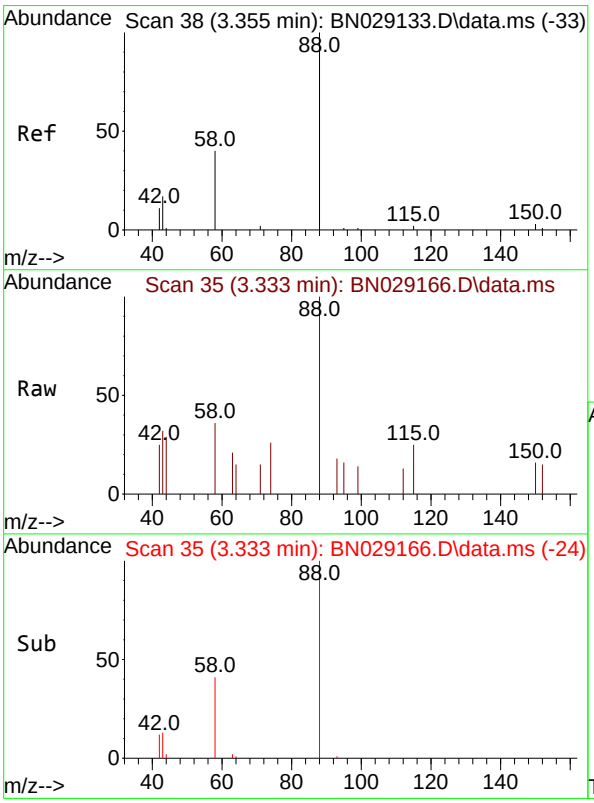
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.782 min Scan# 6
Delta R.T. -0.015 min
Lab File: BN029166.D
Acq: 22 Dec 2023 00:31

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:152 Resp: 867

Ion	Ratio	Lower	Upper
152	100		
150	149.2	117.6	176.4
115	64.5	44.2	66.2

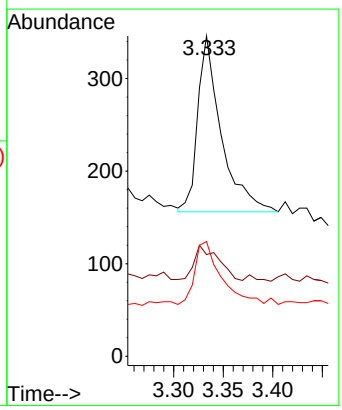


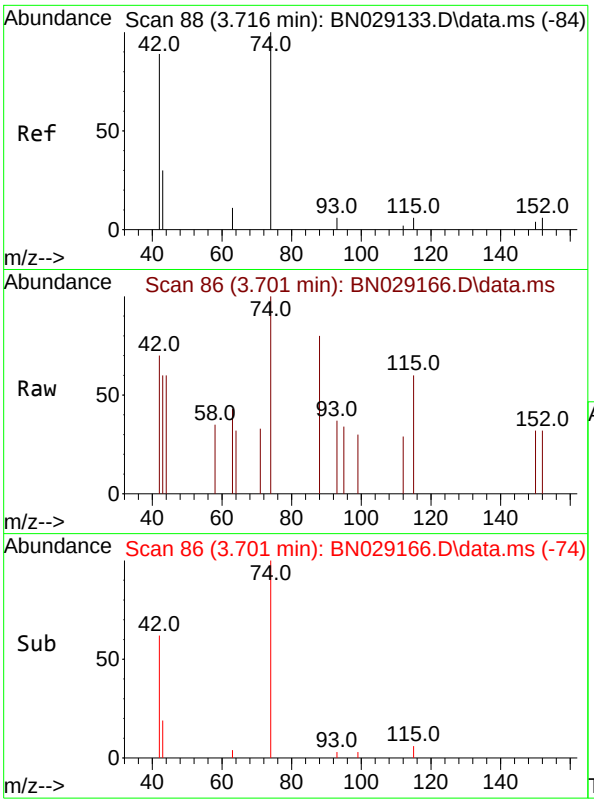


#2
1,4-Dioxane
Concen: 0.386 ng
RT: 3.333 min Scan# 35
Delta R.T. -0.022 min
Lab File: BN029166.D
Acq: 22 Dec 2023 00:31

Tgt Ion: 88 Resp: 315

Ion	Ratio	Lower	Upper
88	100		
43	20.6	20.1	30.1
58	41.6	35.4	53.2



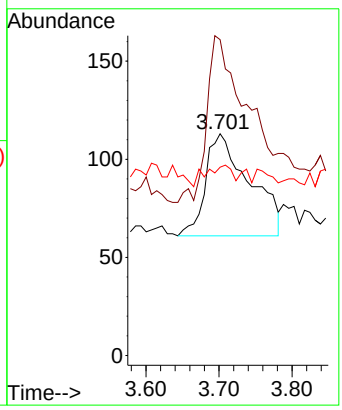


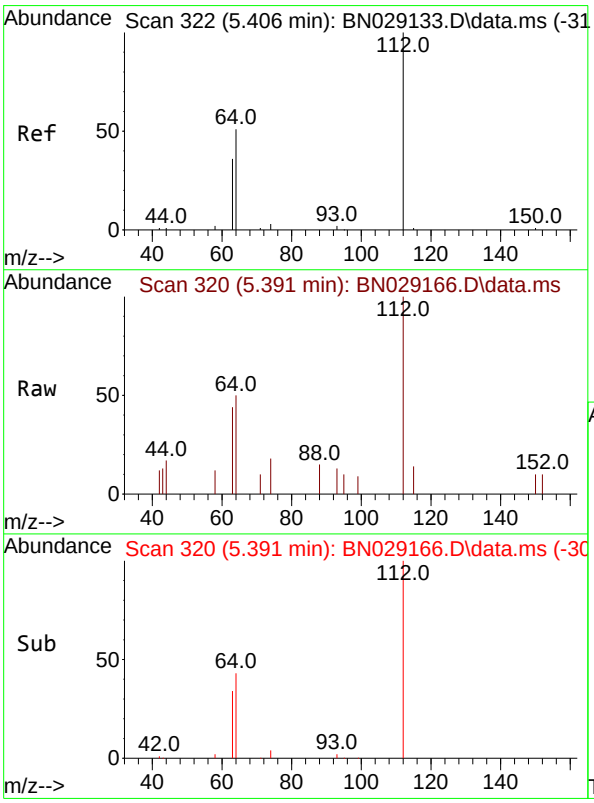
#3
n-Nitrosodimethylamine
Concen: 0.389 ng
RT: 3.701 min Scan# 8
Delta R.T. -0.015 min
Lab File: BN029166.D
Acq: 22 Dec 2023 00:31

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion: 42 Resp: 218

Ion	Ratio	Lower	Upper
42	100		
74	150.0	103.0	154.4
44	12.4	3.2	4.8#

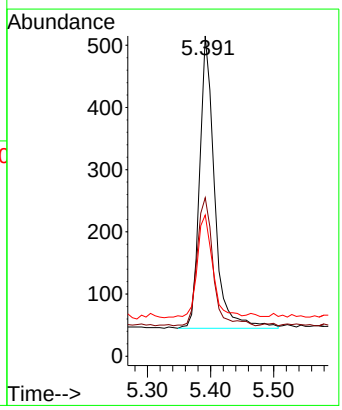


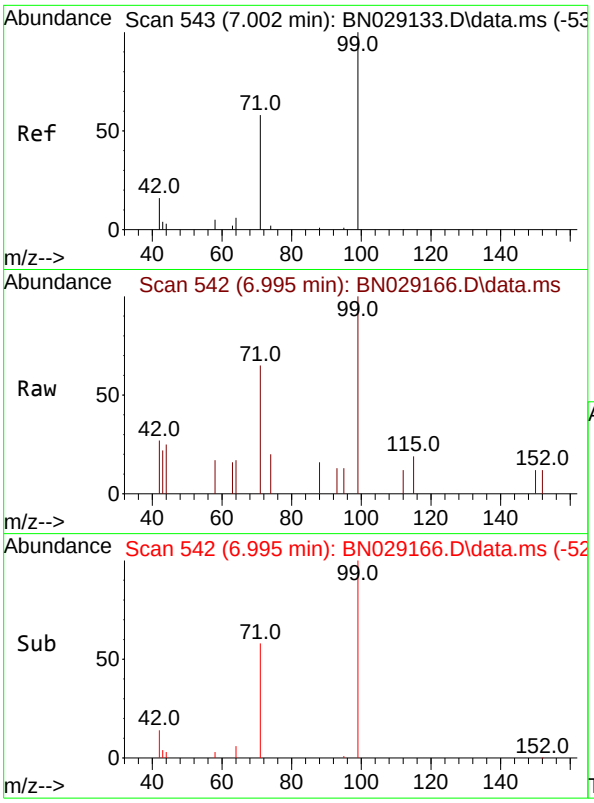


#4
2-Fluorophenol
Concen: 0.374 ng
RT: 5.391 min Scan# 320
Delta R.T. -0.015 min
Lab File: BN029166.D
Acq: 22 Dec 2023 00:31

Tgt Ion:112 Resp: 777

Ion	Ratio	Lower	Upper
112	100		
64	46.2	38.6	58.0
63	36.3	30.0	45.0



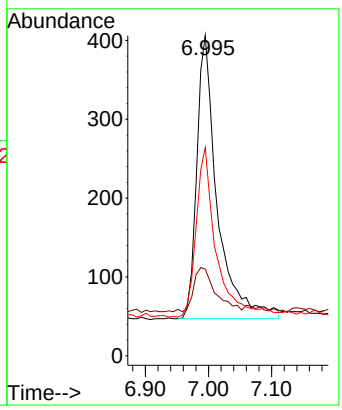


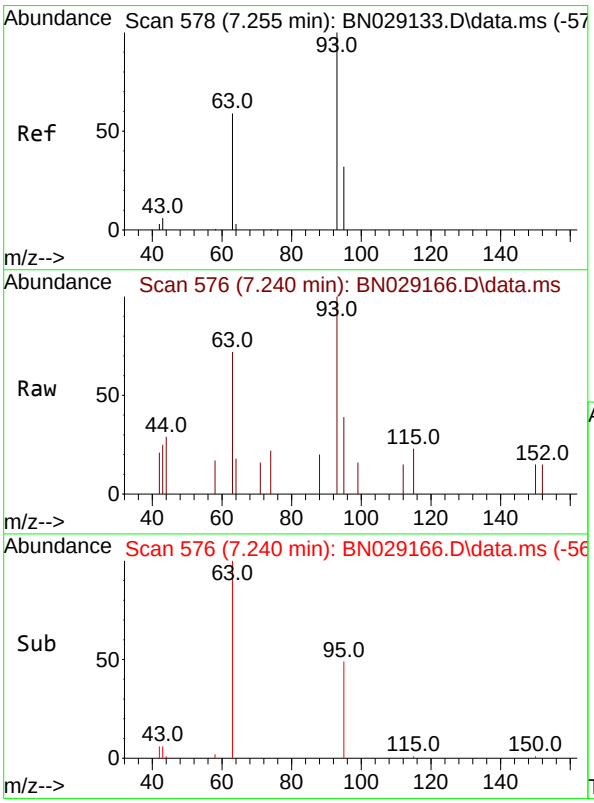
#5
Phenol-d6
Concen: 0.356 ng
RT: 6.995 min Scan# 54
Delta R.T. -0.007 min
Lab File: BN029166.D
Acq: 22 Dec 2023 00:31

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion: 99 Resp: 811

Ion	Ratio	Lower	Upper
99	100		
42	16.5	13.8	20.6
71	56.6	45.4	68.2

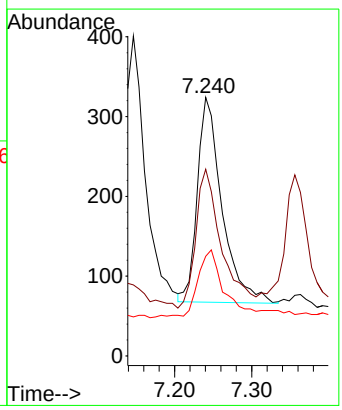


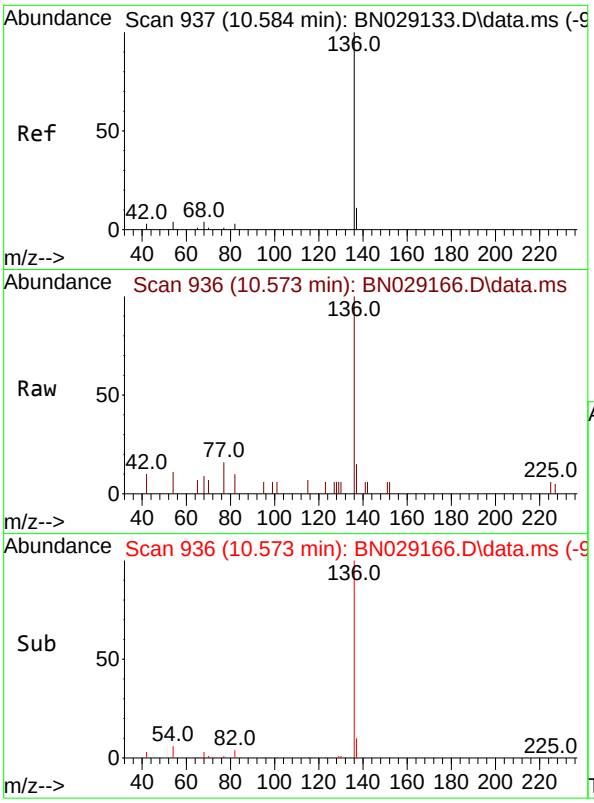


#6
bis(2-Chloroethyl)ether
Concen: 0.321 ng
RT: 7.240 min Scan# 576
Delta R.T. -0.015 min
Lab File: BN029166.D
Acq: 22 Dec 2023 00:31

Tgt Ion: 93 Resp: 569

Ion	Ratio	Lower	Upper
93	100		
63	70.8	57.0	85.6
95	36.0	27.4	41.2



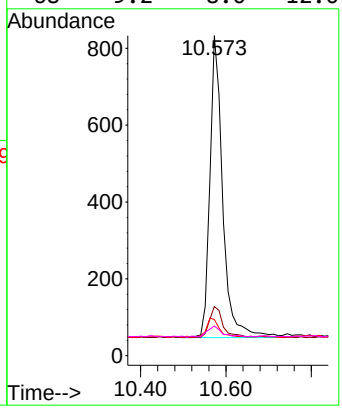


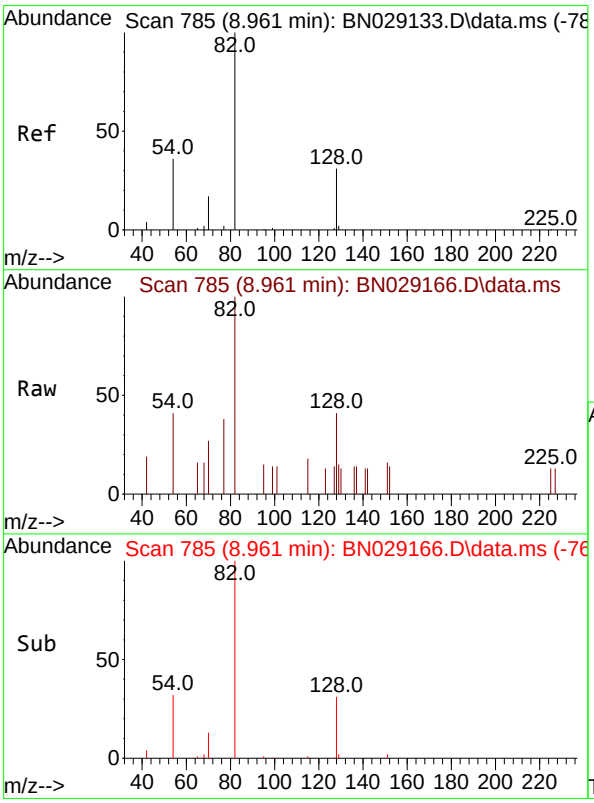
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.573 min Scan# 9
Delta R.T. -0.011 min
Lab File: BN029166.D
Acq: 22 Dec 2023 00:31

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:136 Resp: 1639

Ion	Ratio	Lower	Upper
136	100		
137	15.4	13.4	20.0
54	11.3	8.6	13.0
68	9.2	8.0	12.0

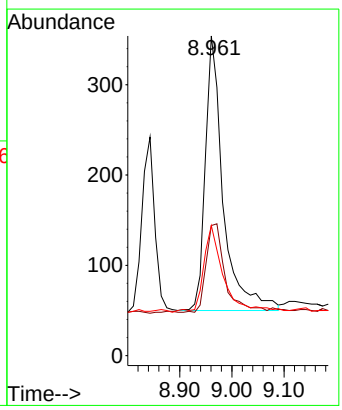


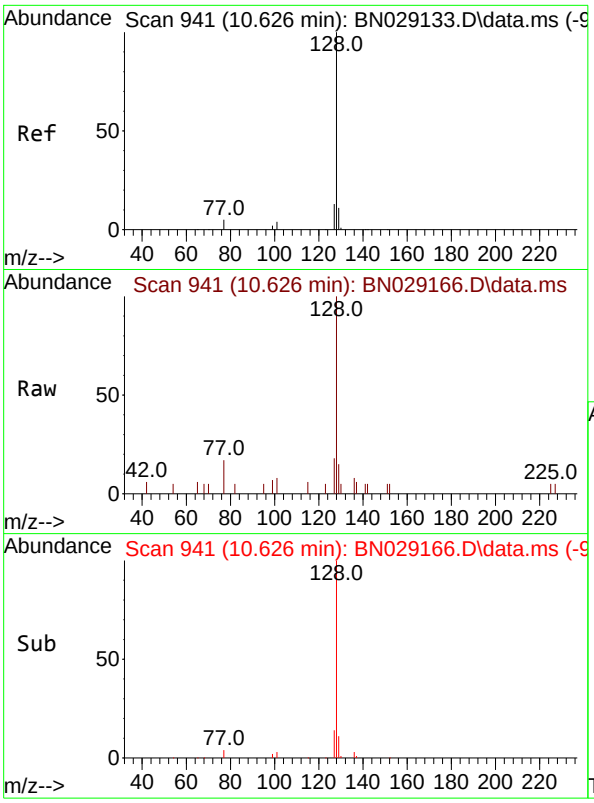


#8
Nitrobenzene-d5
Concen: 0.338 ng
RT: 8.961 min Scan# 785
Delta R.T. -0.000 min
Lab File: BN029166.D
Acq: 22 Dec 2023 00:31

Tgt Ion: 82 Resp: 723

Ion	Ratio	Lower	Upper
82	100		
128	40.7	33.0	49.4
54	40.7	35.8	53.8



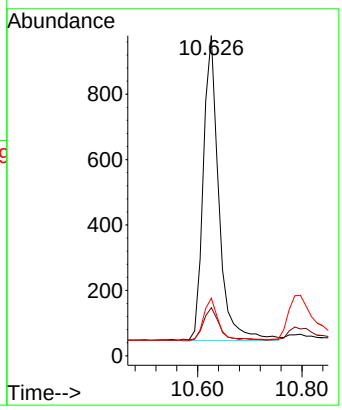


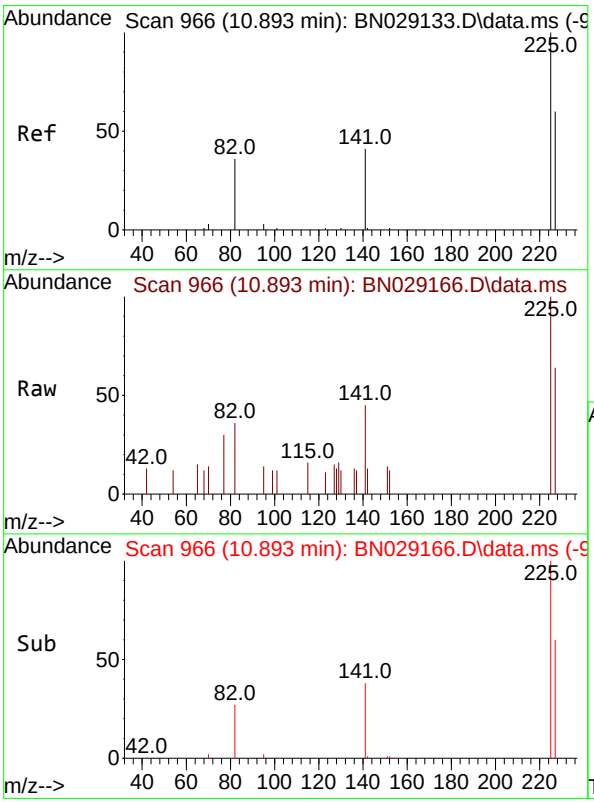
#9
Naphthalene
Concen: 0.360 ng
RT: 10.626 min Scan# 94
Delta R.T. -0.000 min
Lab File: BN029166.D
Acq: 22 Dec 2023 00:31

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:128 Resp: 1921

Ion	Ratio	Lower	Upper
128	100		
129	15.0	12.0	18.0
127	18.0	14.1	21.1

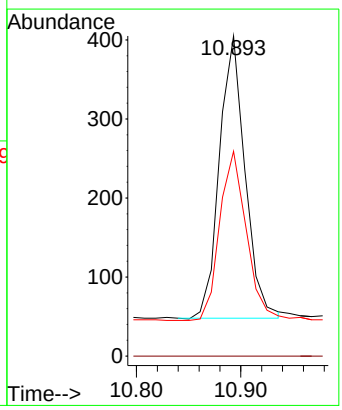


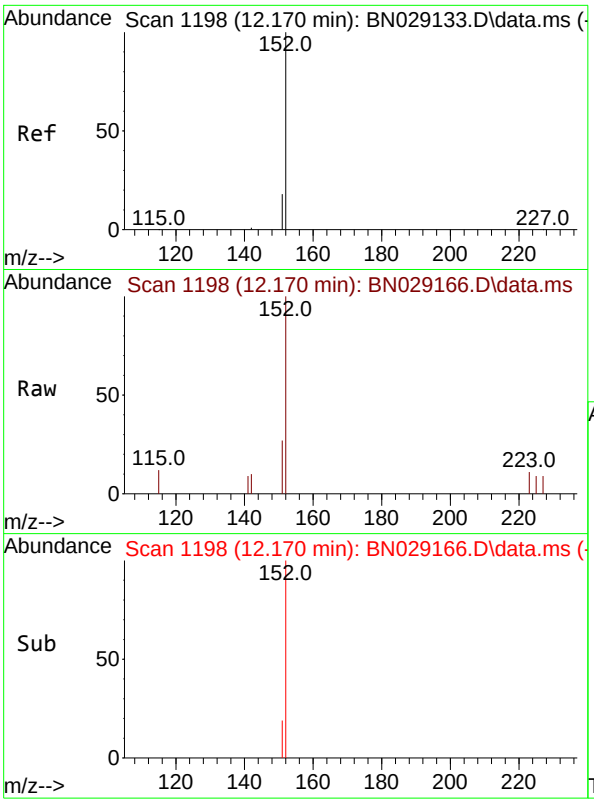


#10
Hexachlorobutadiene
Concen: 0.346 ng
RT: 10.893 min Scan# 966
Delta R.T. -0.000 min
Lab File: BN029166.D
Acq: 22 Dec 2023 00:31

Tgt Ion:225 Resp: 608

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	62.5	50.6	75.8



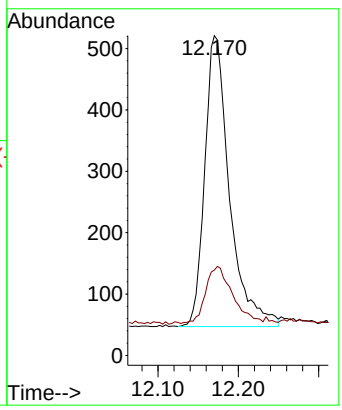


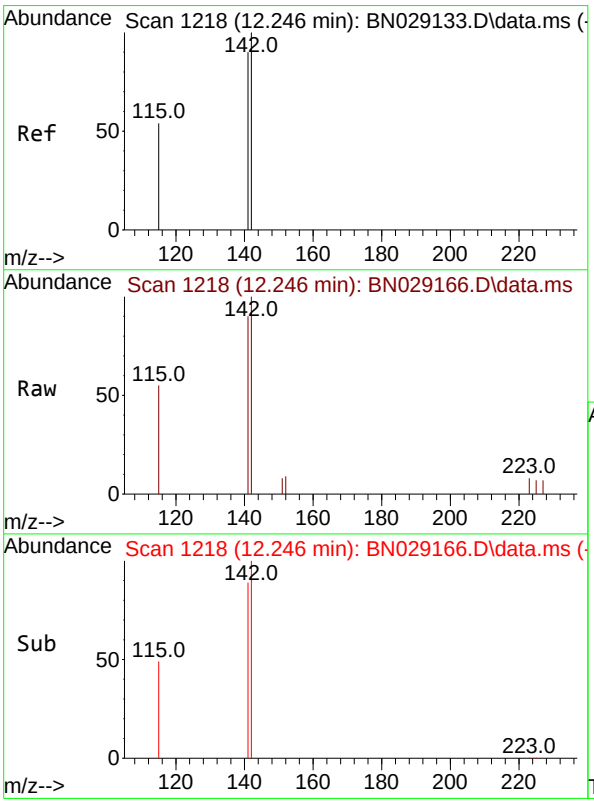
#11
2-Methylnaphthalene-d10
Concen: 0.409 ng
RT: 12.170 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN029166.D
Acq: 22 Dec 2023 00:31

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:152 Resp: 1015

Ion	Ratio	Lower	Upper
152	100		
151	21.3	17.4	26.2

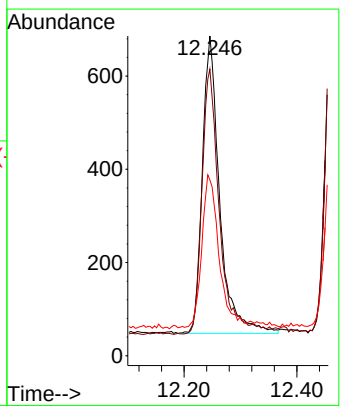


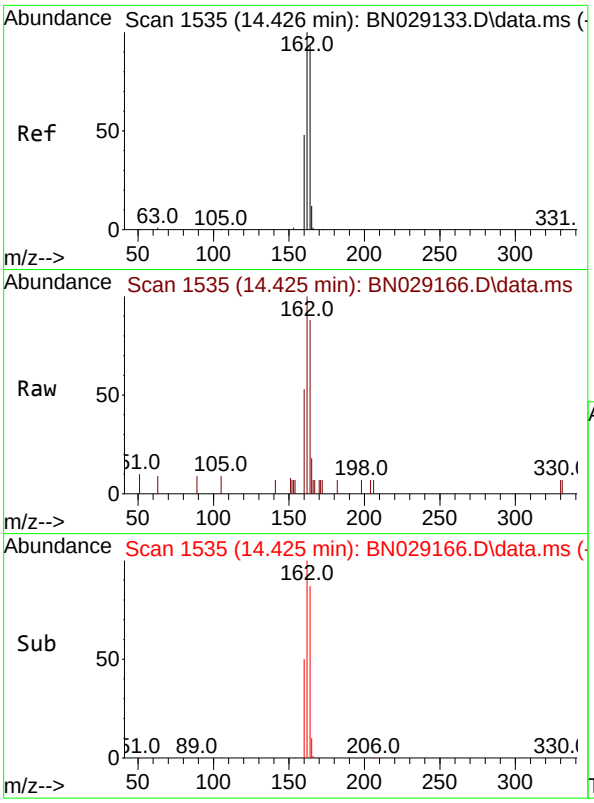


#12
2-Methylnaphthalene
Concen: 0.389 ng
RT: 12.246 min Scan# 1218
Delta R.T. -0.000 min
Lab File: BN029166.D
Acq: 22 Dec 2023 00:31

Tgt Ion:142 Resp: 1358

Ion	Ratio	Lower	Upper
142	100		
141	89.7	73.0	109.4
115	55.0	46.8	70.2



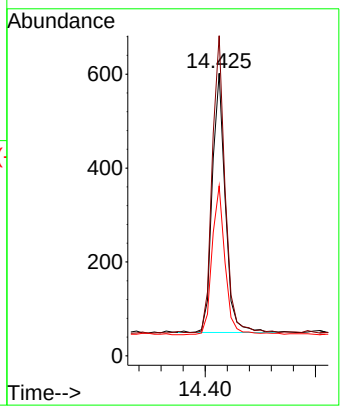


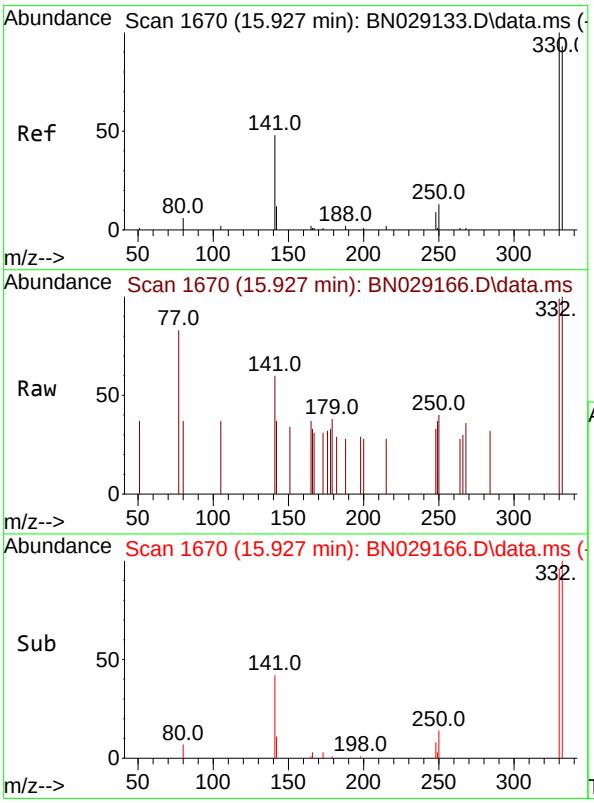
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.425 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN029166.D
Acq: 22 Dec 2023 00:31

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:164 Resp: 904

Ion	Ratio	Lower	Upper
164	100		
162	113.3	85.0	127.4
160	60.1	45.8	68.8

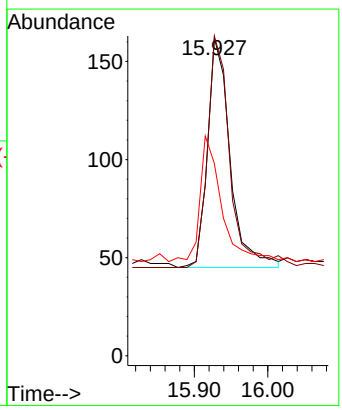


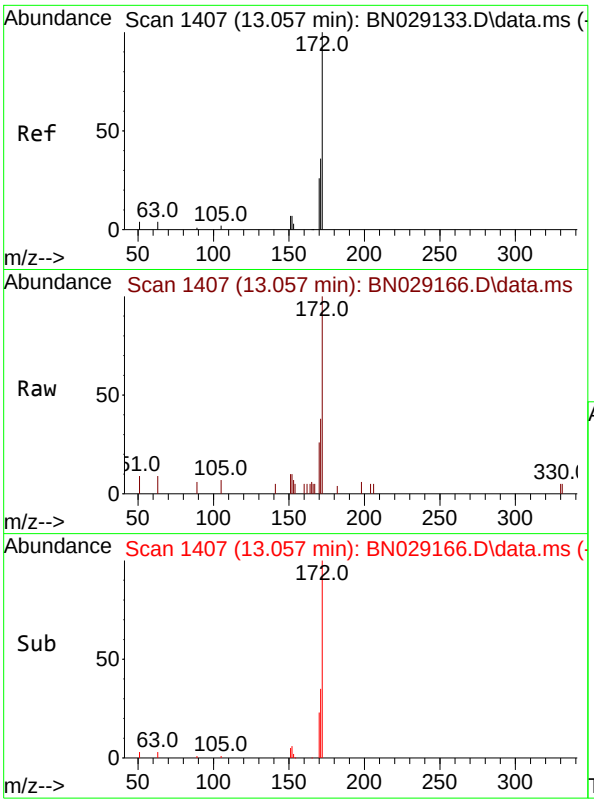


#14
2,4,6-Tribromophenol
Concen: 0.315 ng
RT: 15.927 min Scan# 1670
Delta R.T. -0.000 min
Lab File: BN029166.D
Acq: 22 Dec 2023 00:31

Tgt Ion:330 Resp: 249

Ion	Ratio	Lower	Upper
330	100		
332	101.2	83.4	125.0
141	52.2	43.8	65.8



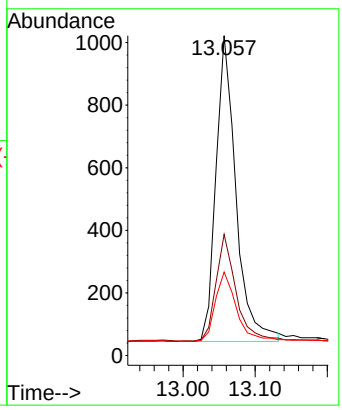


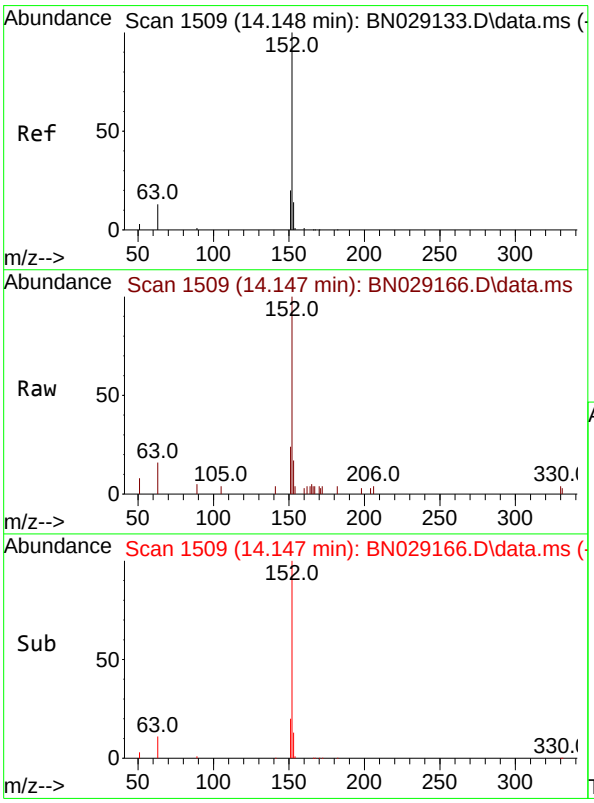
#15
2-Fluorobiphenyl
Concen: 0.356 ng
RT: 13.057 min Scan# 14
Delta R.T. -0.000 min
Lab File: BN029166.D
Acq: 22 Dec 2023 00:31

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:172 Resp: 1879

Ion	Ratio	Lower	Upper
172	100		
171	37.9	32.2	48.4
170	26.1	25.0	37.4

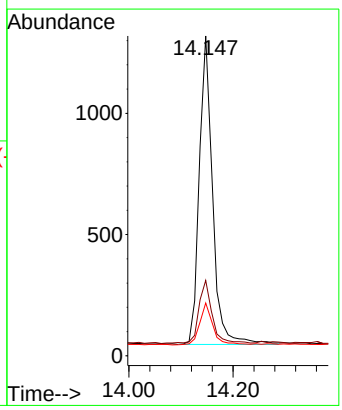


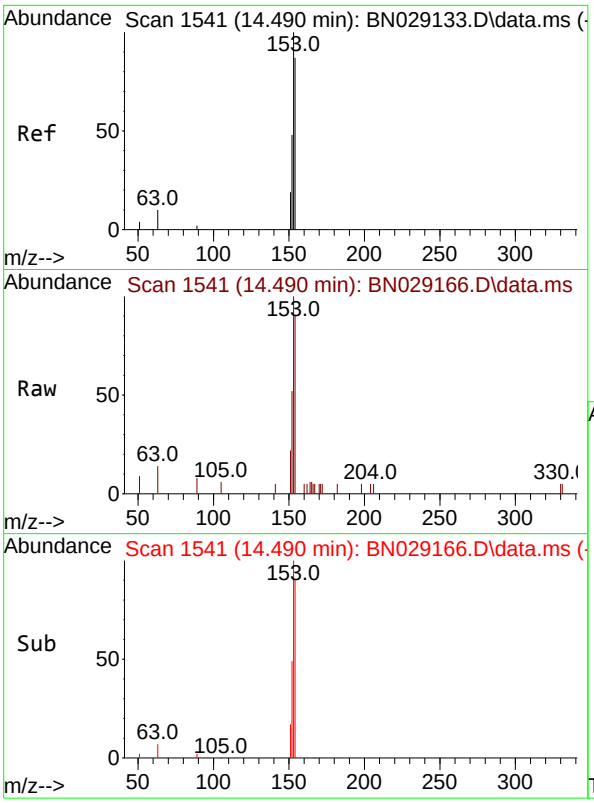


#16
Acenaphthylene
Concen: 0.354 ng
RT: 14.147 min Scan# 1509
Delta R.T. -0.000 min
Lab File: BN029166.D
Acq: 22 Dec 2023 00:31

Tgt Ion:152 Resp: 2258

Ion	Ratio	Lower	Upper
152	100		
151	20.4	16.3	24.5
153	13.5	10.1	15.1



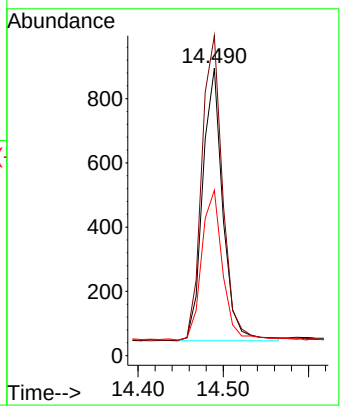


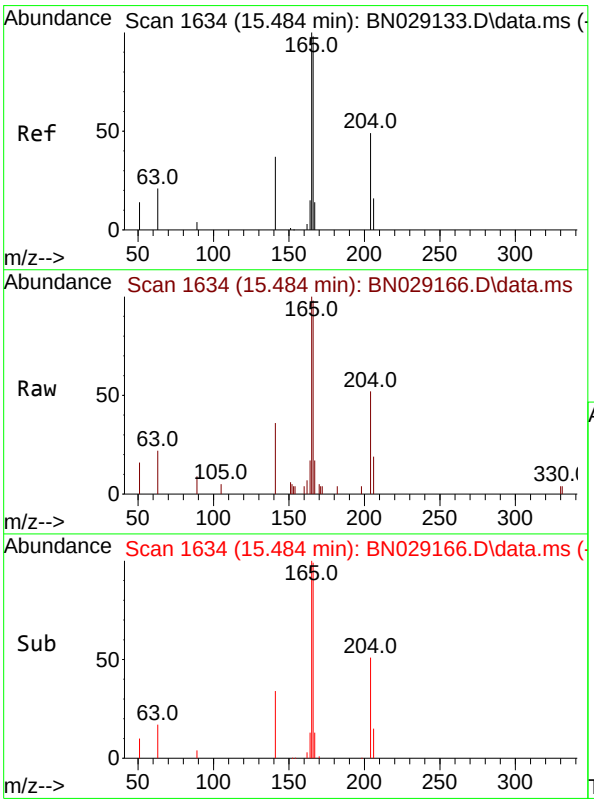
#17
Acenaphthene
Concen: 0.365 ng
RT: 14.490 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN029166.D
Acq: 22 Dec 2023 00:31

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:154 Resp: 1395

Ion	Ratio	Lower	Upper
154	100		
153	117.8	99.9	149.9
152	57.2	47.4	71.2

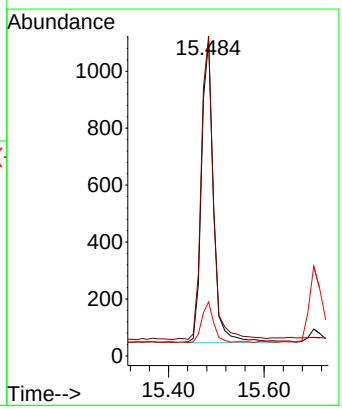


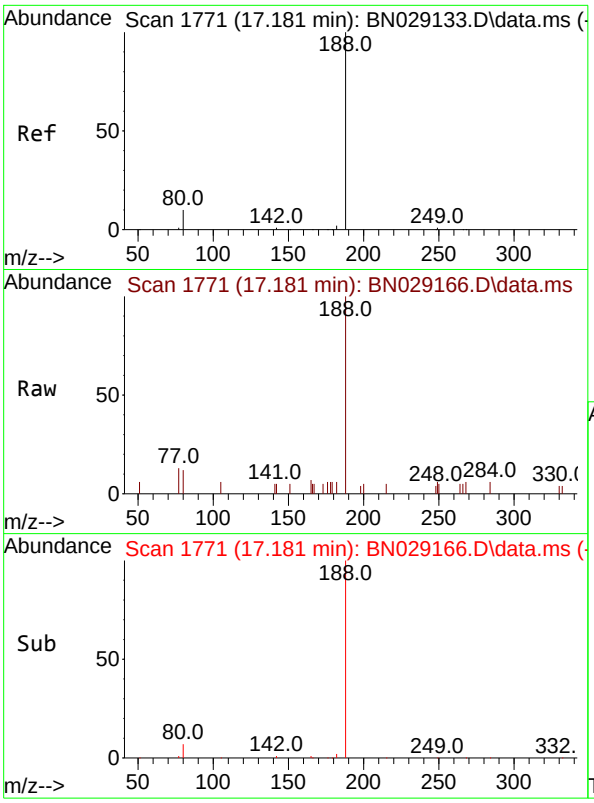


#18
Fluorene
Concen: 0.386 ng
RT: 15.484 min Scan# 1634
Delta R.T. -0.000 min
Lab File: BN029166.D
Acq: 22 Dec 2023 00:31

Tgt Ion:166 Resp: 1987

Ion	Ratio	Lower	Upper
166	100		
165	100.0	83.4	125.0
167	13.2	11.8	17.8



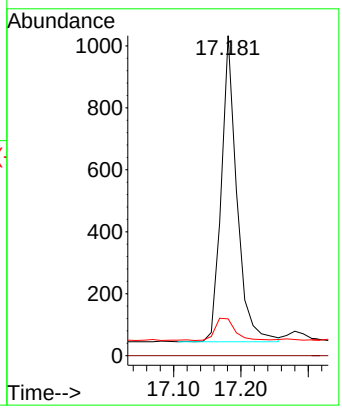


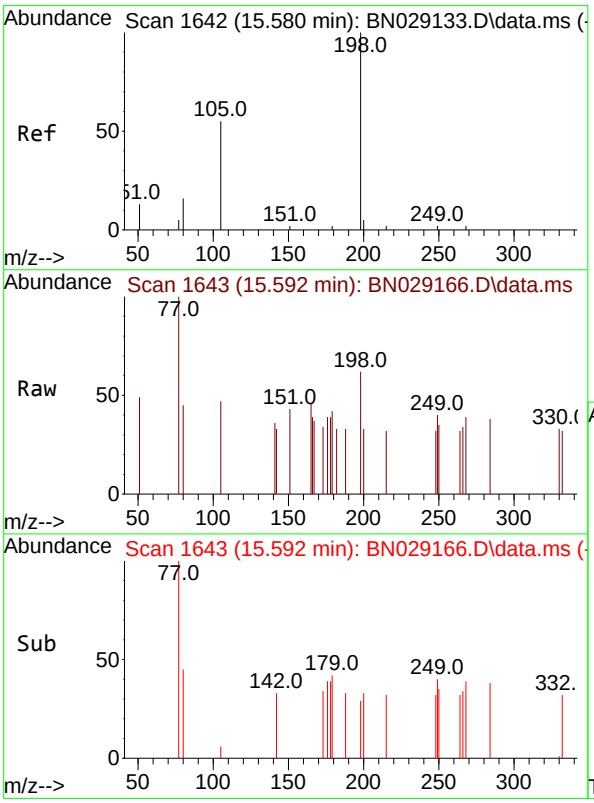
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.181 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN029166.D
Acq: 22 Dec 2023 00:31

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:188 Resp: 1589

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	11.5	13.7	20.5#

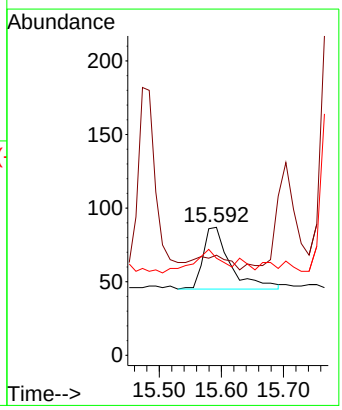


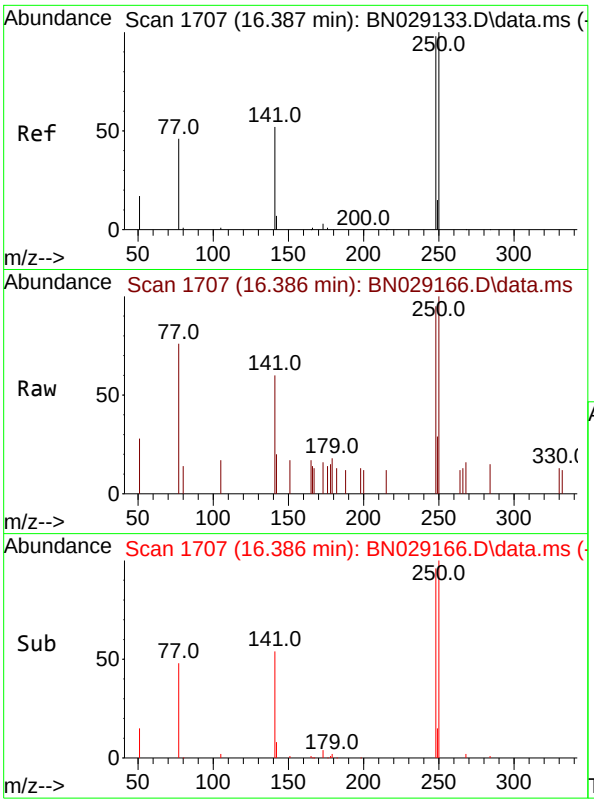


#20
4,6-Dinitro-2-methylphenol
Concen: 0.231 ng
RT: 15.592 min Scan# 1643
Delta R.T. 0.012 min
Lab File: BN029166.D
Acq: 22 Dec 2023 00:31

Tgt Ion:198 Resp: 127

Ion	Ratio	Lower	Upper
198	100		
51	78.2	53.6	80.4
105	75.9	65.6	98.4



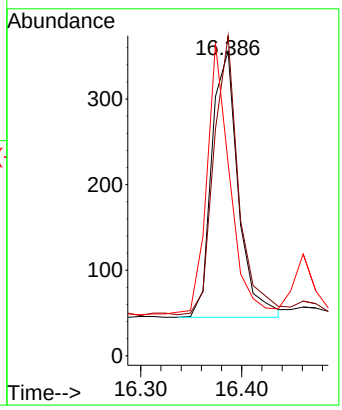


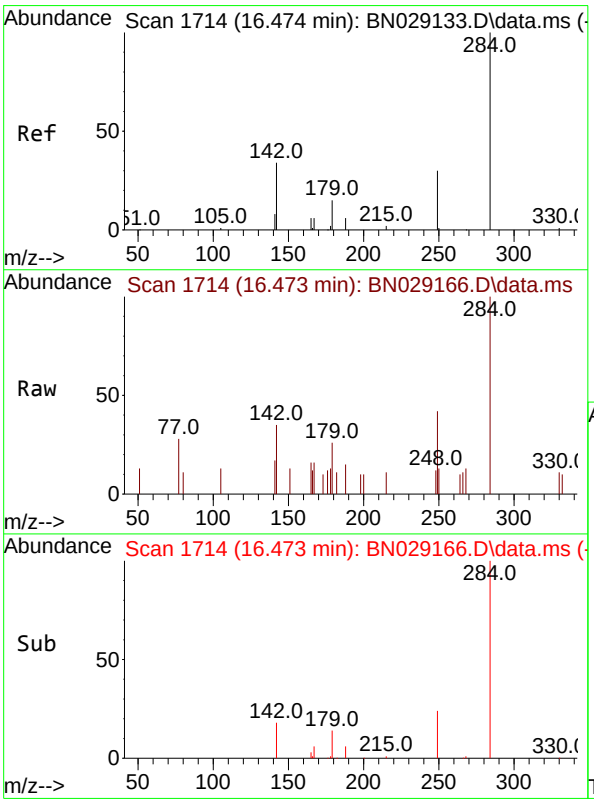
#21
4-Bromophenyl-phenylether
Concen: 0.346 ng
RT: 16.386 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN029166.D
Acq: 22 Dec 2023 00:31

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:248 Resp: 568

Ion	Ratio	Lower	Upper
248	100		
250	105.1	82.2	123.2
141	63.2	49.7	74.5

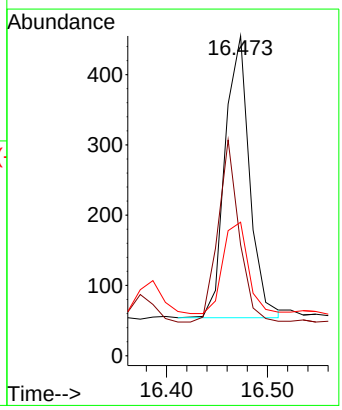


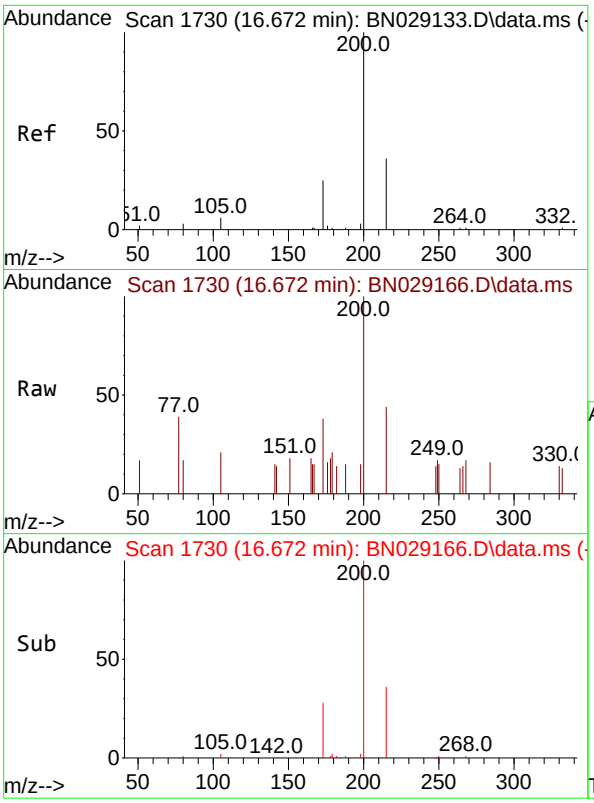


#22
Hexachlorobenzene
Concen: 0.352 ng
RT: 16.473 min Scan# 1714
Delta R.T. -0.000 min
Lab File: BN029166.D
Acq: 22 Dec 2023 00:31

Tgt Ion:284 Resp: 674

Ion	Ratio	Lower	Upper
284	100		
142	56.1	46.9	70.3
249	33.5	28.6	43.0



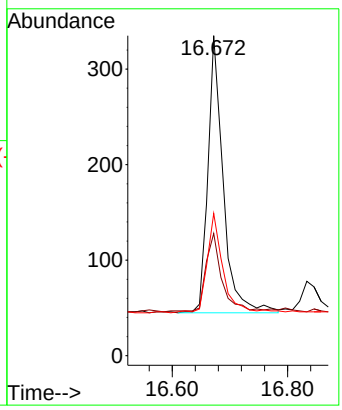


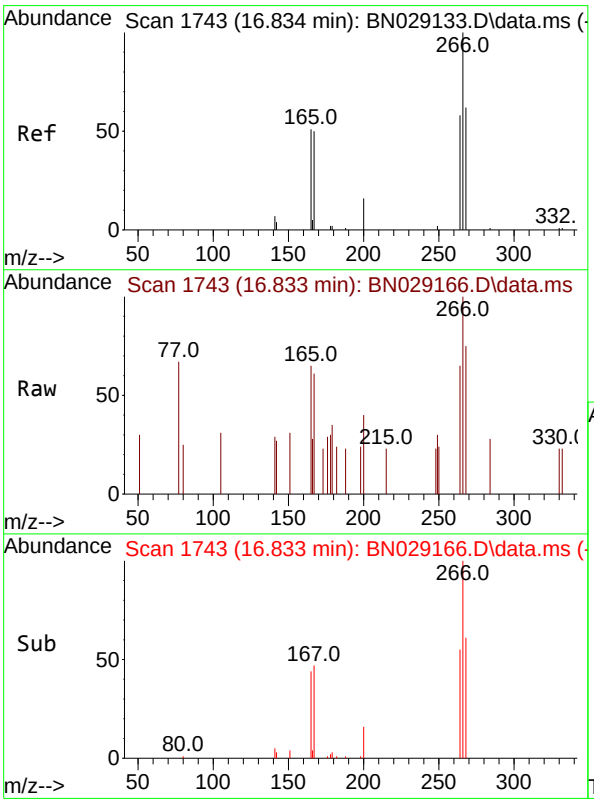
#23
Atrazine
Concen: 0.387 ng
RT: 16.672 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN029166.D
Acq: 22 Dec 2023 00:31

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:200 Resp: 533

Ion	Ratio	Lower	Upper
200	100		
173	38.2	31.4	47.2
215	44.5	38.5	57.7

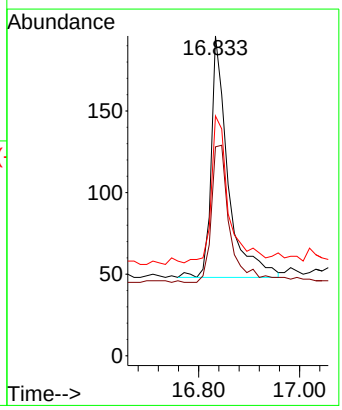


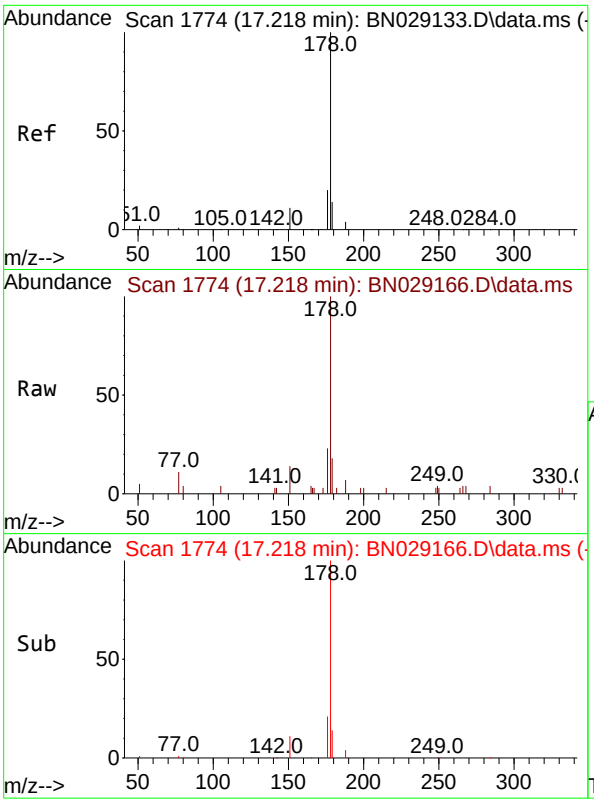


#24
Pentachlorophenol
Concen: 0.301 ng
RT: 16.833 min Scan# 1743
Delta R.T. -0.000 min
Lab File: BN029166.D
Acq: 22 Dec 2023 00:31

Tgt Ion:266 Resp: 342

Ion	Ratio	Lower	Upper
266	100		
264	63.5	45.0	67.6
268	62.0	55.5	83.3



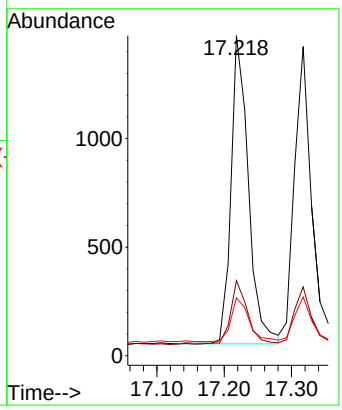


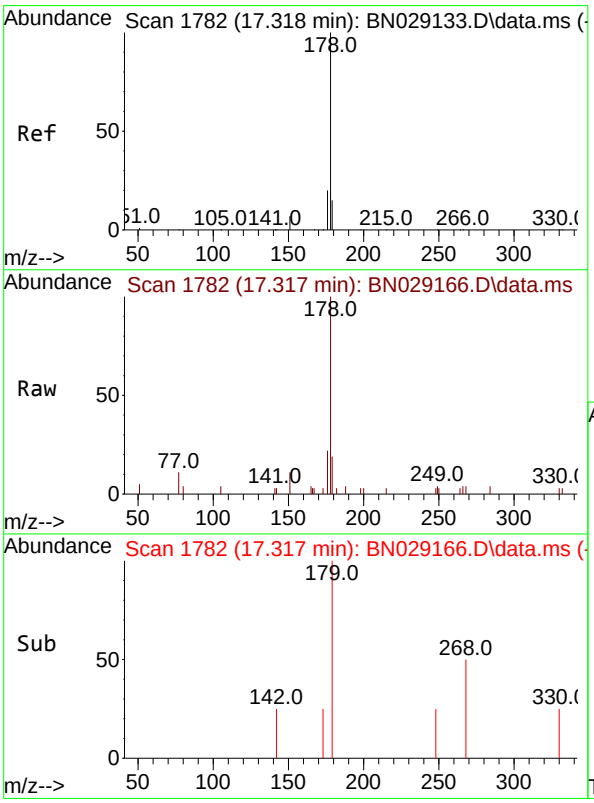
#25
Phenanthrene
Concen: 0.389 ng
RT: 17.218 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN029166.D
Acq: 22 Dec 2023 00:31

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:178 Resp: 2553

Ion	Ratio	Lower	Upper
178	100		
176	20.1	17.4	26.0
179	14.8	13.7	20.5

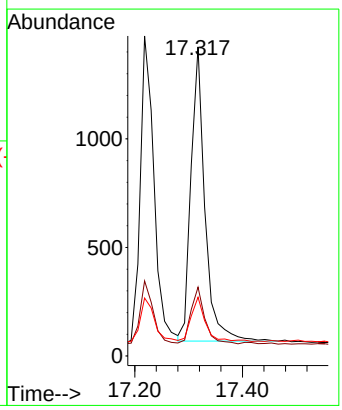


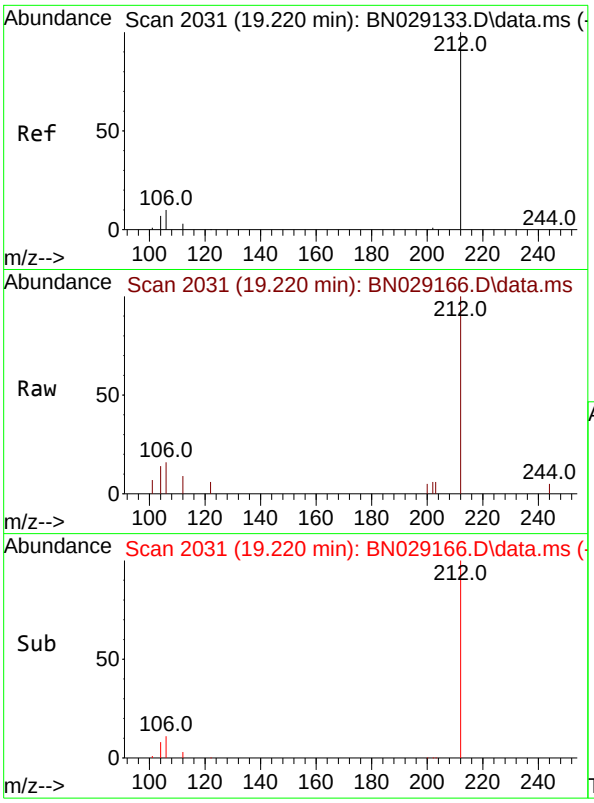


#26
Anthracene
Concen: 0.384 ng
RT: 17.317 min Scan# 1782
Delta R.T. -0.000 min
Lab File: BN029166.D
Acq: 22 Dec 2023 00:31

Tgt Ion:178 Resp: 2436

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.8	23.8
179	15.3	11.4	17.0



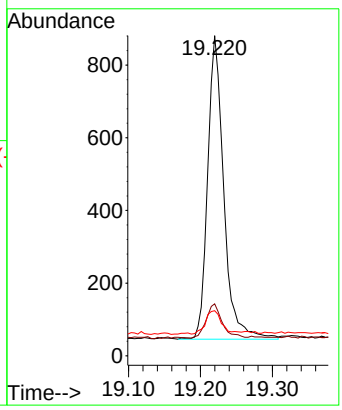


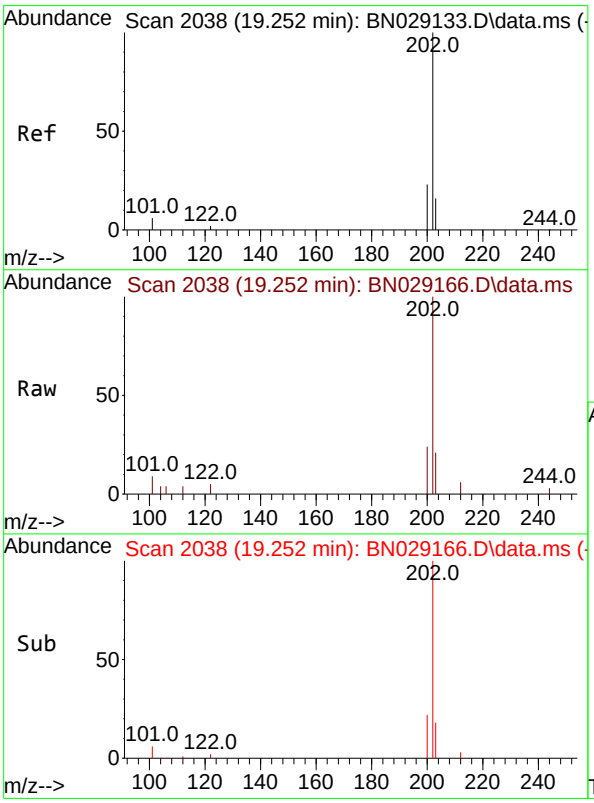
#27
Fluoranthene-d10
Concen: 0.337 ng
RT: 19.220 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN029166.D
Acq: 22 Dec 2023 00:31

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:212 Resp: 1295

Ion	Ratio	Lower	Upper
212	100		
106	11.1	9.6	14.4
104	7.8	6.5	9.7

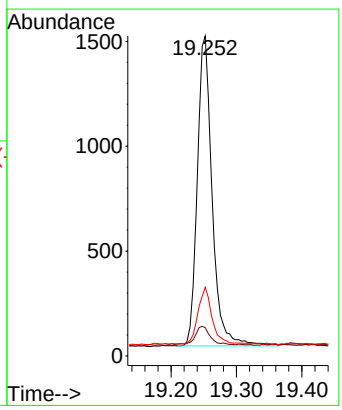


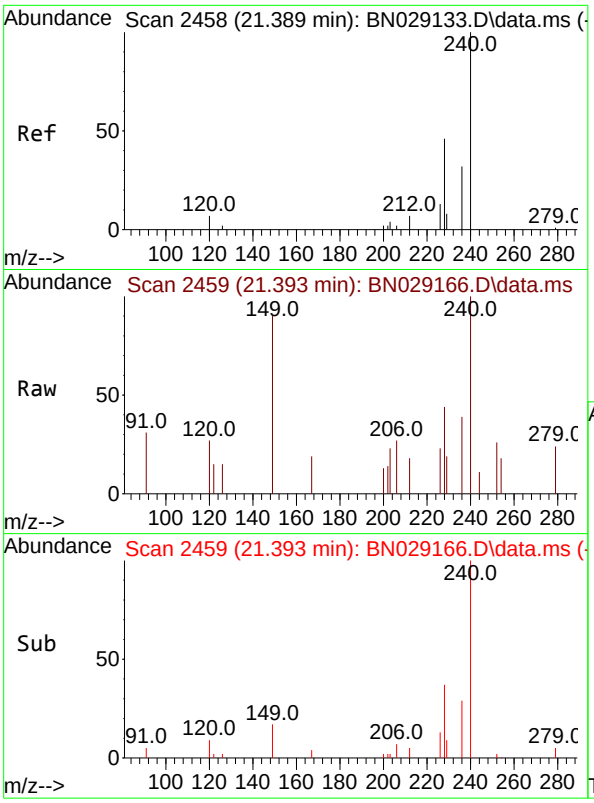


#28
Fluoranthene
Concen: 0.344 ng
RT: 19.252 min Scan# 2038
Delta R.T. -0.000 min
Lab File: BN029166.D
Acq: 22 Dec 2023 00:31

Tgt Ion:202 Resp: 2330

Ion	Ratio	Lower	Upper
202	100		
101	6.6	5.3	7.9
203	17.1	13.8	20.6



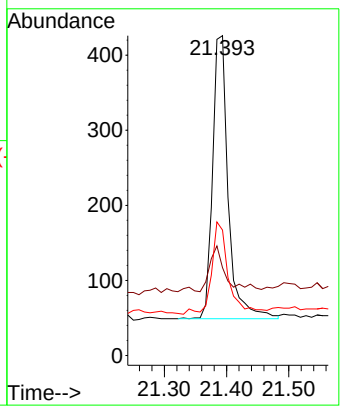


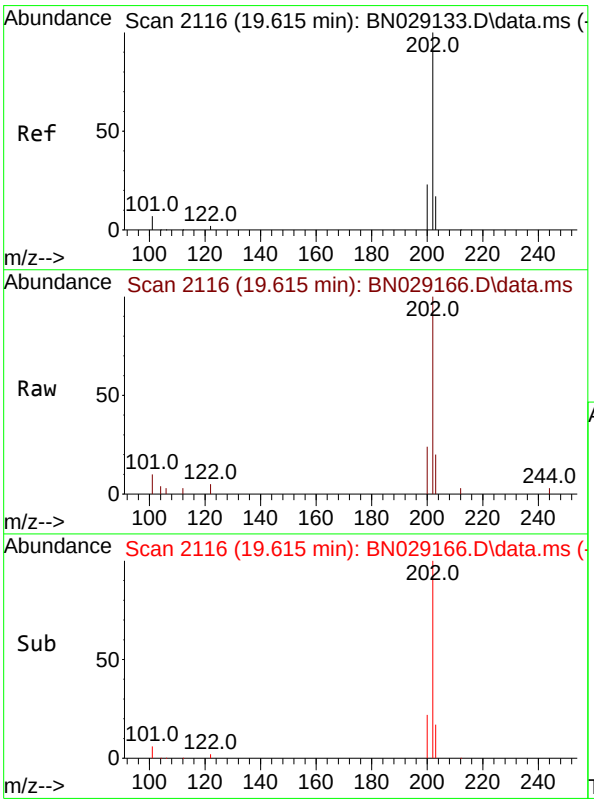
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.393 min Scan# 24
Delta R.T. 0.004 min
Lab File: BN029166.D
Acq: 22 Dec 2023 00:31

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:240 Resp: 660

Ion	Ratio	Lower	Upper
240	100		
120	27.5	21.4	32.0
236	39.2	33.5	50.3

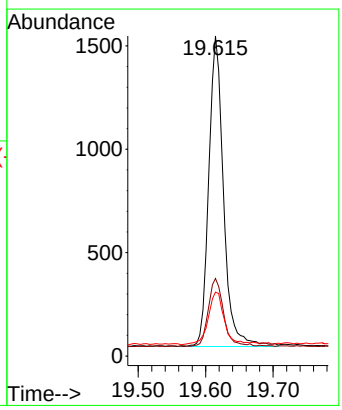


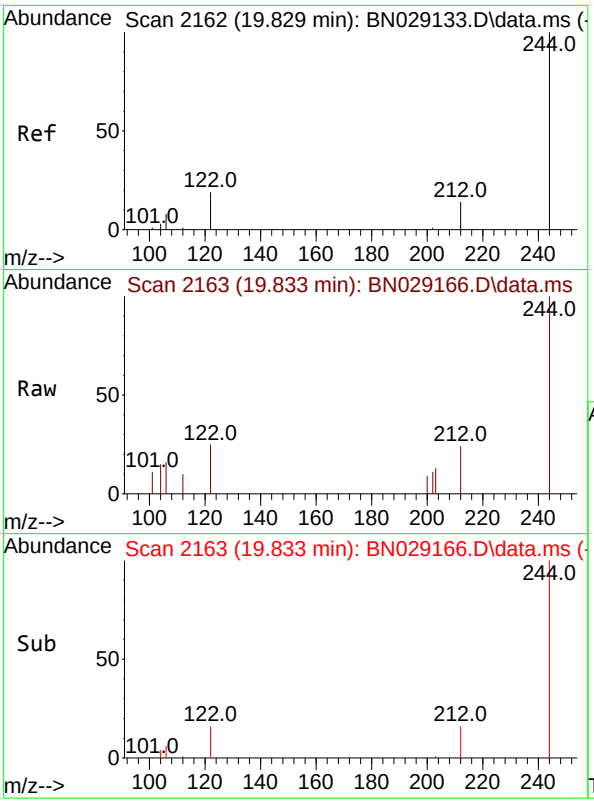


#30
Pyrene
Concen: 0.440 ng
RT: 19.615 min Scan# 2116
Delta R.T. -0.000 min
Lab File: BN029166.D
Acq: 22 Dec 2023 00:31

Tgt Ion:202 Resp: 2288

Ion	Ratio	Lower	Upper
202	100		
200	22.7	18.0	27.0
203	18.7	15.1	22.7



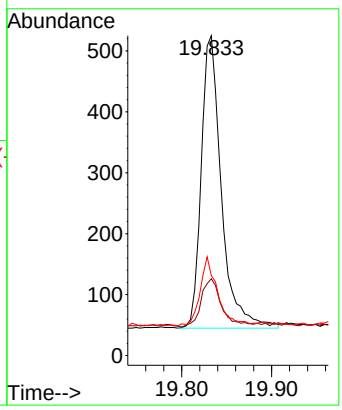


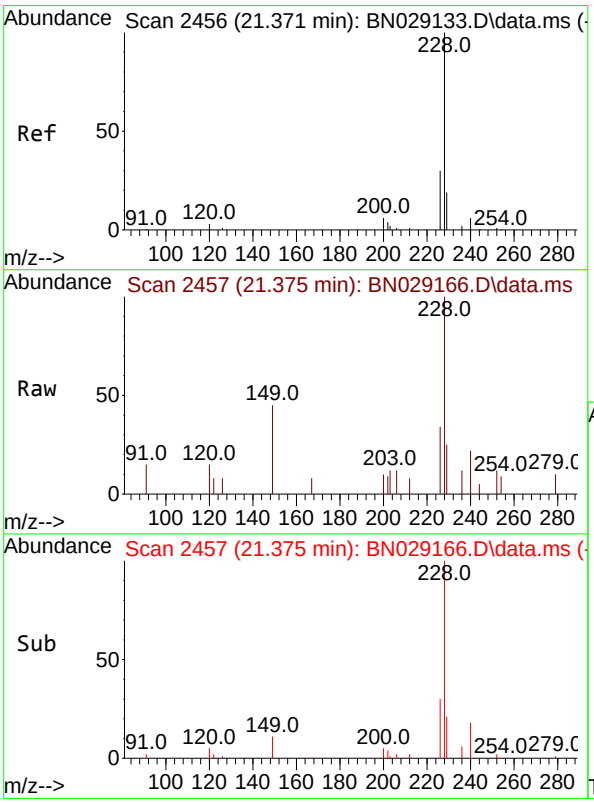
#31
Terphenyl-d14
Concen: 0.413 ng
RT: 19.833 min Scan# 21
Delta R.T. 0.004 min
Lab File: BN029166.D
Acq: 22 Dec 2023 00:31

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:244 Resp: 748

Ion	Ratio	Lower	Upper
244	100		
212	24.0	19.0	28.6
122	25.0	22.5	33.7

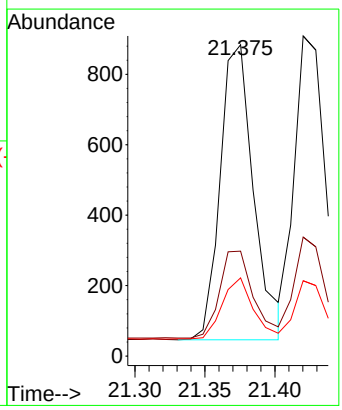


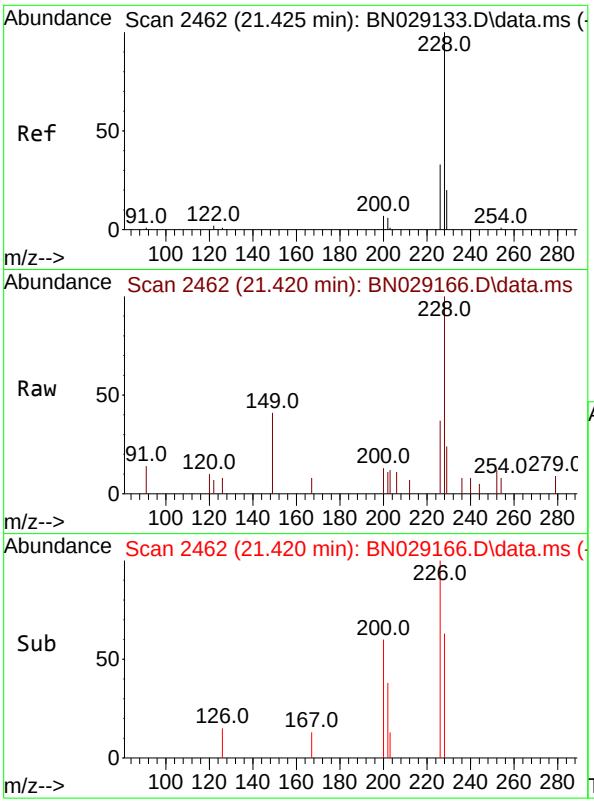


#32
Benzo(a)anthracene
Concen: 0.385 ng
RT: 21.375 min Scan# 2457
Delta R.T. 0.004 min
Lab File: BN029166.D
Acq: 22 Dec 2023 00:31

Tgt Ion:228 Resp: 1399

Ion	Ratio	Lower	Upper
228	100		
226	33.7	27.6	41.4
229	25.1	19.4	29.0



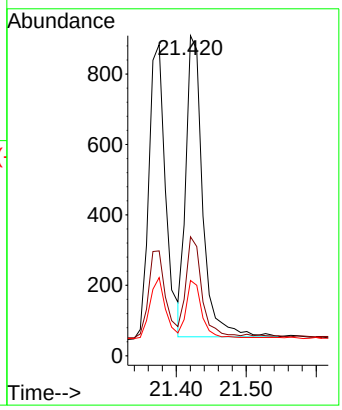


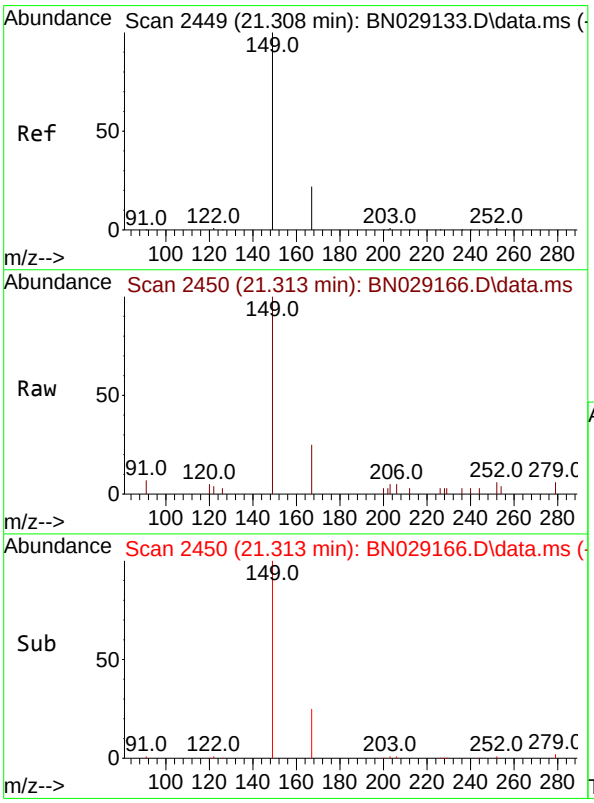
#33
Chrysene
Concen: 0.396 ng
RT: 21.420 min Scan# 24
Delta R.T. -0.005 min
Lab File: BN029166.D
Acq: 22 Dec 2023 00:31

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:228 Resp: 1421

Ion	Ratio	Lower	Upper
228	100		
226	37.2	29.2	43.8
229	23.5	19.3	28.9

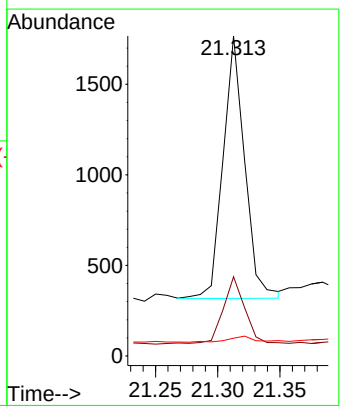


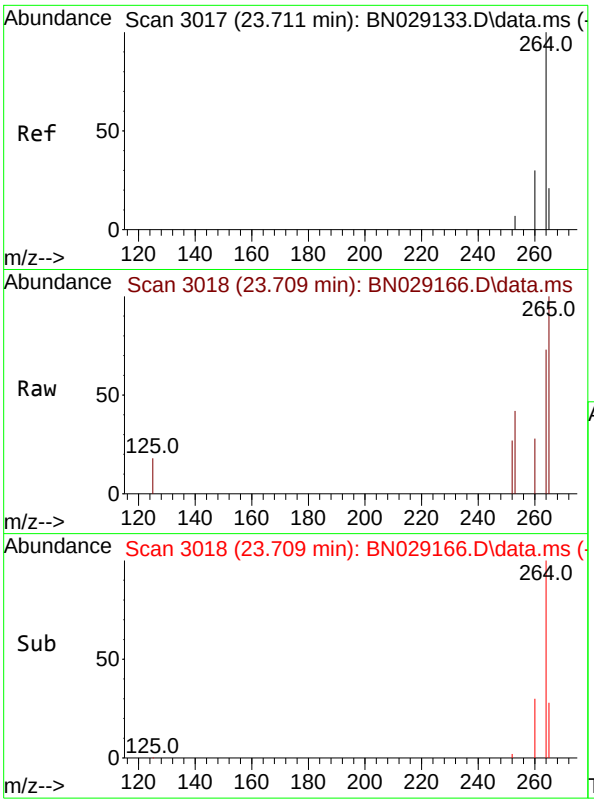


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.398 ng
RT: 21.313 min Scan# 2450
Delta R.T. 0.004 min
Lab File: BN029166.D
Acq: 22 Dec 2023 00:31

Tgt Ion:149 Resp: 1754

Ion	Ratio	Lower	Upper
149	100		
167	26.4	20.2	30.2
279	2.6	2.5	3.7



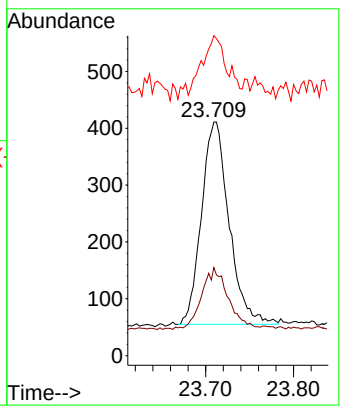


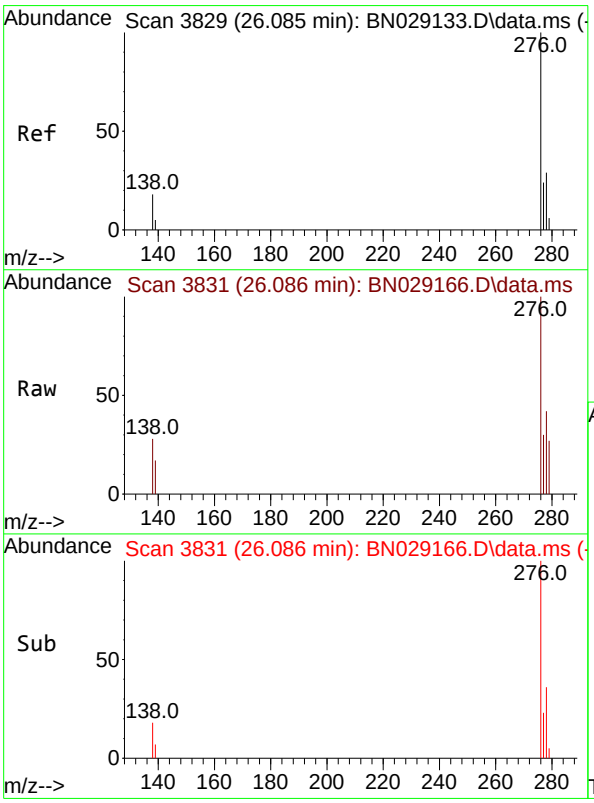
#35
Perylene-d12
Concen: 0.400 ng
RT: 23.709 min Scan# 3
Delta R.T. -0.002 min
Lab File: BN029166.D
Acq: 22 Dec 2023 00:31

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:264 Resp: 778

Ion	Ratio	Lower	Upper
264	100		
260	37.7	31.0	46.6
265	137.0	105.3	157.9

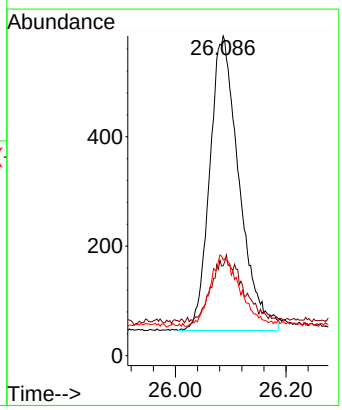


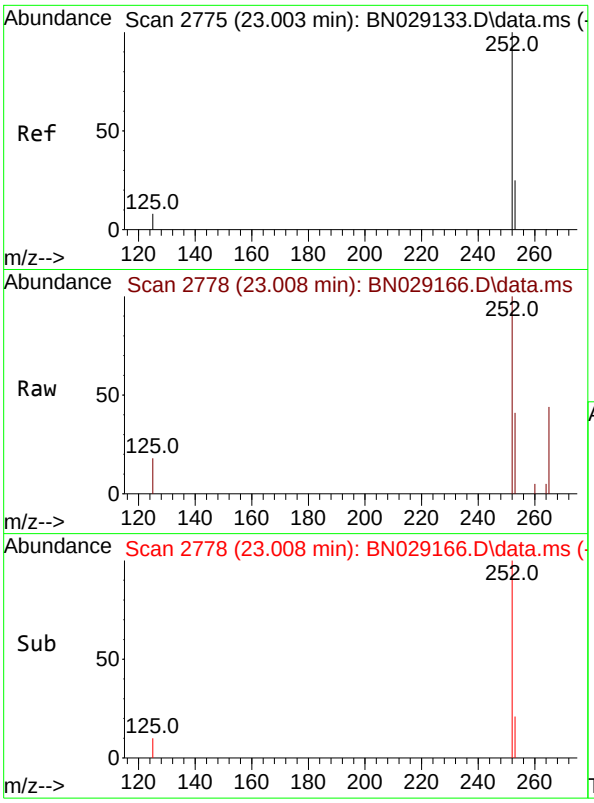


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.395 ng
RT: 26.086 min Scan# 3831
Delta R.T. 0.001 min
Lab File: BN029166.D
Acq: 22 Dec 2023 00:31

Tgt Ion:276 Resp: 1979

Ion	Ratio	Lower	Upper
276	100		
138	7.9	7.8	11.6
277	24.3	9.2	13.8#



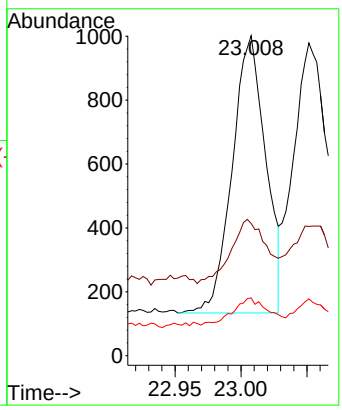


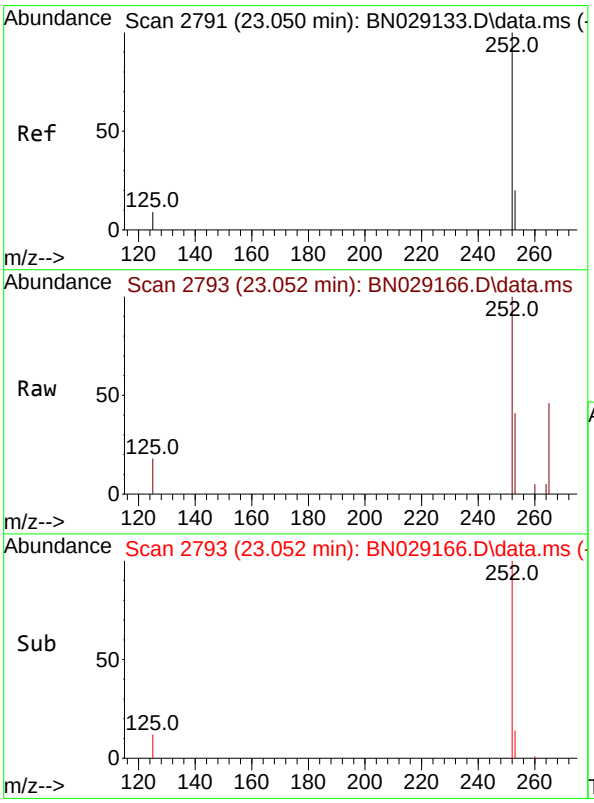
#37
Benzo(b)fluoranthene
Concen: 0.385 ng
RT: 23.008 min Scan# 2
Delta R.T. 0.004 min
Lab File: BN029166.D
Acq: 22 Dec 2023 00:31

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:252 Resp: 1525

Ion	Ratio	Lower	Upper
252	100		
253	41.3	36.0	54.0
125	18.1	14.6	21.8

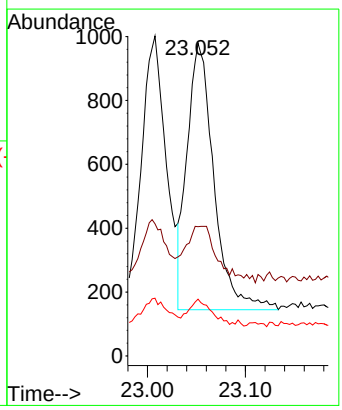


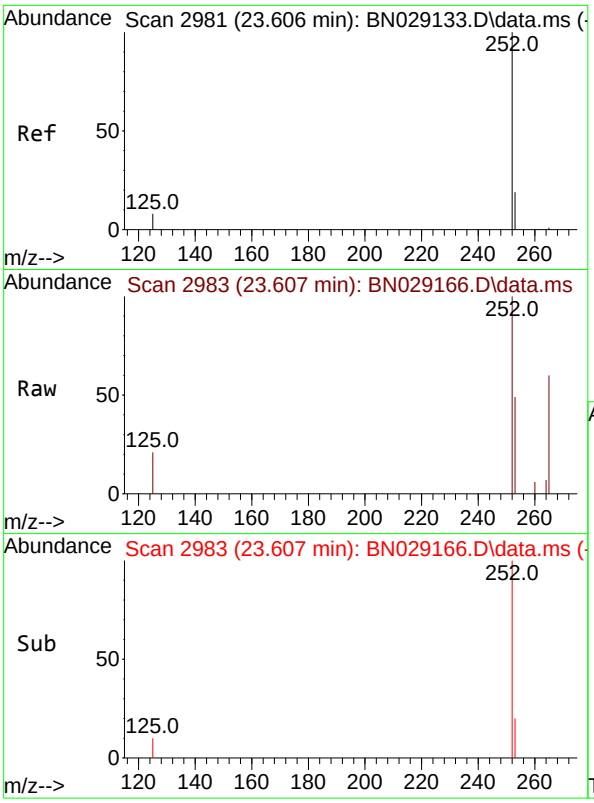


#38
Benzo(k)fluoranthene
Concen: 0.410 ng
RT: 23.052 min Scan# 2793
Delta R.T. 0.001 min
Lab File: BN029166.D
Acq: 22 Dec 2023 00:31

Tgt Ion:252 Resp: 1589

Ion	Ratio	Lower	Upper
252	100		
253	41.4	35.0	52.6
125	18.2	14.6	21.8



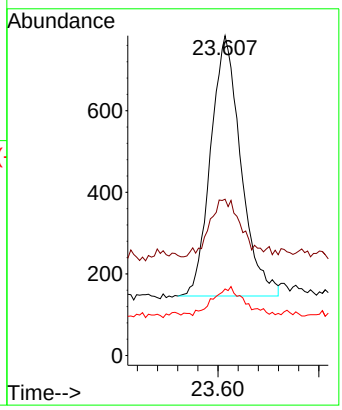


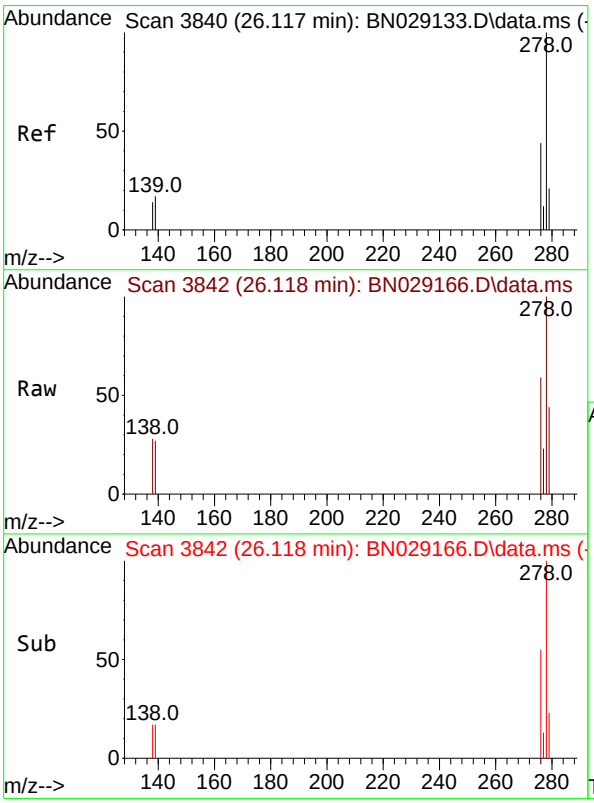
#39
Benzo(a)pyrene
Concen: 0.376 ng
RT: 23.607 min Scan# 2
Delta R.T. 0.001 min
Lab File: BN029166.D
Acq: 22 Dec 2023 00:31

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:252 Resp: 1327

Ion	Ratio	Lower	Upper
252	100		
253	48.9	40.3	60.5
125	20.8	16.7	25.1

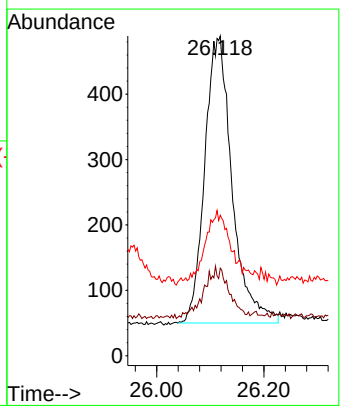


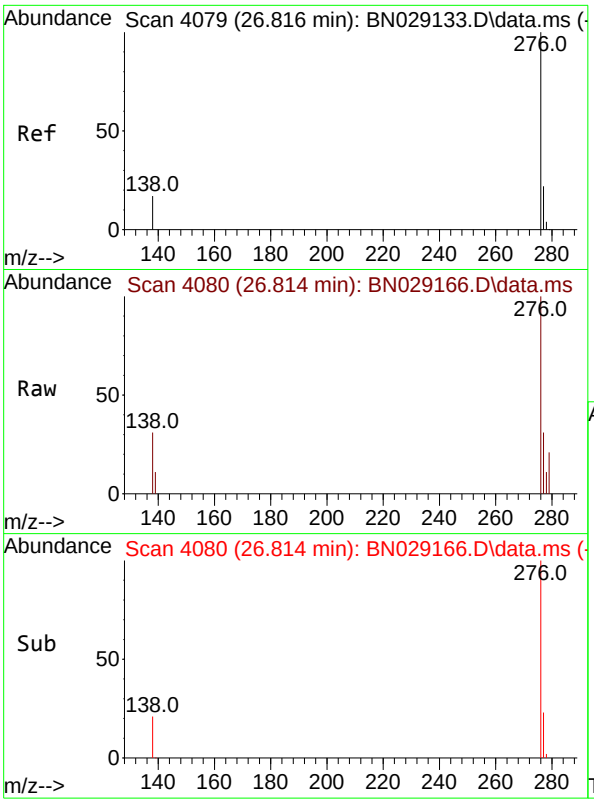


#40
Dibenzo(a,h)anthracene
Concen: 0.403 ng
RT: 26.118 min Scan# 3842
Delta R.T. 0.001 min
Lab File: BN029166.D
Acq: 22 Dec 2023 00:31

Tgt Ion:278 Resp: 1555

Ion	Ratio	Lower	Upper
278	100		
139	27.4	24.2	36.2
279	44.0	34.9	52.3





#41
Benzo(g,h,i)perylene
Concen: 0.404 ng
RT: 26.814 min Scan# 4
Delta R.T. -0.002 min
Lab File: BN029166.D
Acq: 22 Dec 2023 00:31

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:276 Resp: 1715

Ion	Ratio	Lower	Upper
276	100		
277	30.8	25.5	38.3
138	30.6	22.9	34.3