Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090924\
Data File : BF139289.D
Acq On : 09 Sep 2024 18:18
Operator : RC/JU
Sample : P3852-02RX
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VNJ223

Quant Time: Sep 10 00:39:15 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF090424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 04 16:11:43 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.886	152	123090	20.000	ng		0.00
21) Naphthalene-d8	8.169	136	449063	20.000	ng		0.00
39) Acenaphthene-d10	9.922	164	229052	20.000	ng		0.00
64) Phenanthrene-d10	11.410	188	313149	20.000	ng		0.00
76) Chrysene-d12	14.051	240	203513	20.000	ng		0.00
86) Perylene-d12	15.533	264	172232	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.504	112	636595	86.517	ng		0.00
7) Phenol-d6	6.510	99	841296	85.647	ng		0.00
23) Nitrobenzene-d5	7.445	82	539904	62.546	ng		0.00
42) 2,4,6-Tribromophenol	10.710	330	149204	75.436	ng		0.00
45) 2-Fluorobiphenyl	9.245	172	987553	66.554	ng		0.00
79) Terphenyl-d14	12.998	244	647077	51.336	ng		0.00
Target Compounds							Qvalue
19) n-Nitroso-di-n-propyla...	7.445	70	75189	13.291	ng	#	75
25) Isophorone	7.445	82	537692	36.434	ng	#	67
49) Acenaphthylene	9.786	152	71503	3.705	ng		99
51) 2,6-Dinitrotoluene	9.922	165	31296	9.937	ng	#	19
58) Fluorene	10.469	166	39399	2.769	ng	#	95
63) Azobenzene	10.633	77	35786	2.485	ng	#	1
67) 4-Bromophenyl-phenylether	10.710	248	10049	3.307	ng	#	1
71) Phenanthrene	11.433	178	435149	29.746	ng		100
72) Anthracene	11.486	178	77073	5.393	ng		99
75) Fluoranthene	12.627	202	760536	51.856	ng		99
78) Pyrene	12.857	202	746081	37.950	ng		99
81) Benzo(a)anthracene	14.074	228	395291	30.418	ng		93
83) Chrysene	14.074	228	395291	32.591	ng		97
84) Bis(2-ethylhexyl)phtha...	14.033	149	23154	4.262	ng		95
85) Di-n-octyl phthalate	14.645	149	58077	5.584	ng	#	19
87) Indeno(1,2,3-cd)pyrene	16.845	276	26078	2.424	ng		95
88) Benzo(b)fluoranthene	15.098	252	609814	61.481	ng		99
89) Benzo(k)fluoranthene	15.098	252	609814	68.569	ng	#	98
90) Benzo(a)pyrene	15.468	252	280745	33.333	ng		97
91) Dibenzo(a,h)anthracene	17.015	278	33156	3.739	ng	#	85
92) Benzo(g,h,i)perylene	17.451	276	123463	13.489	ng		100

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

Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090924\
Data File : BF139289.D
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Sample : P3852-02RX
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Instrument :
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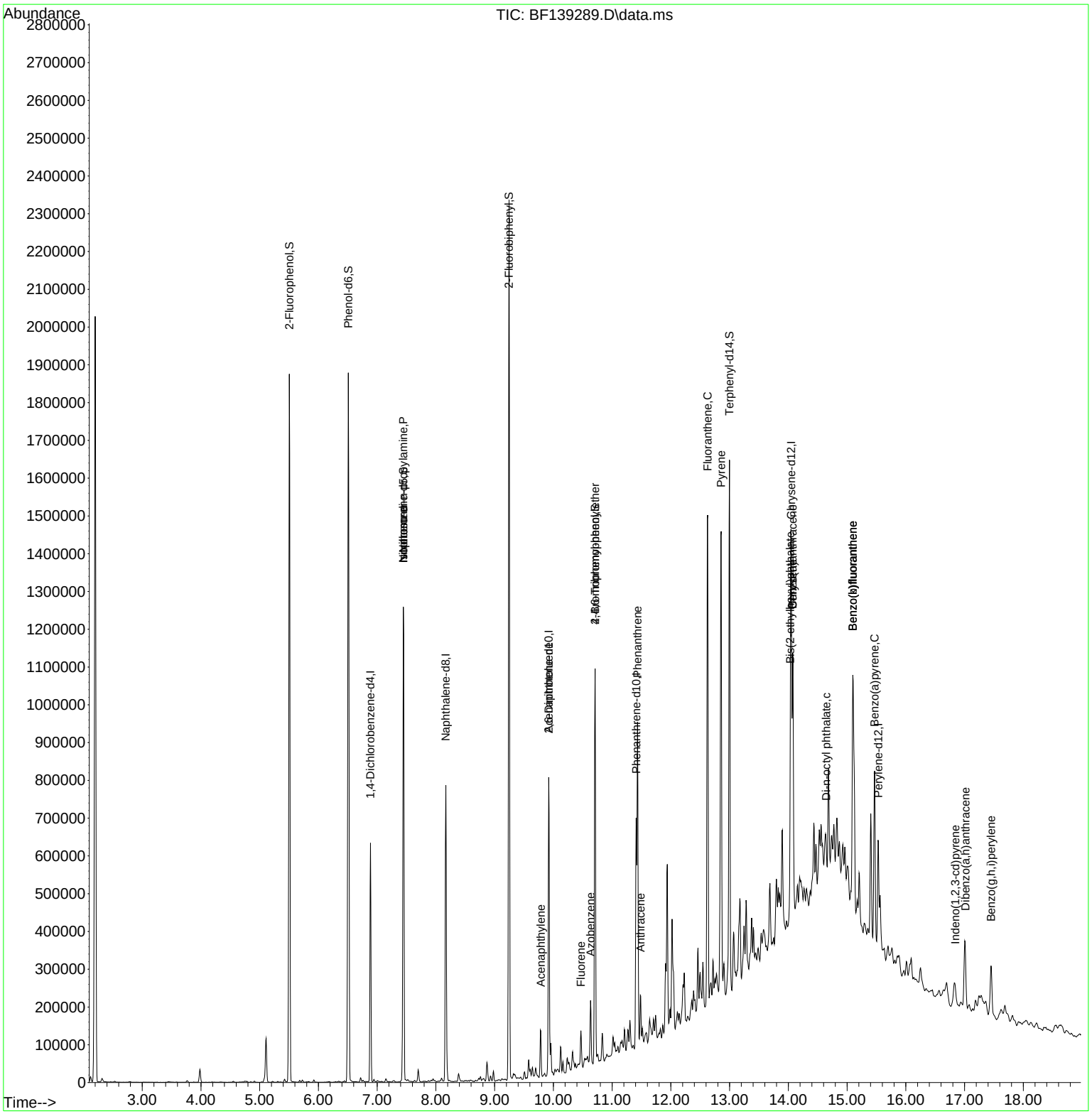
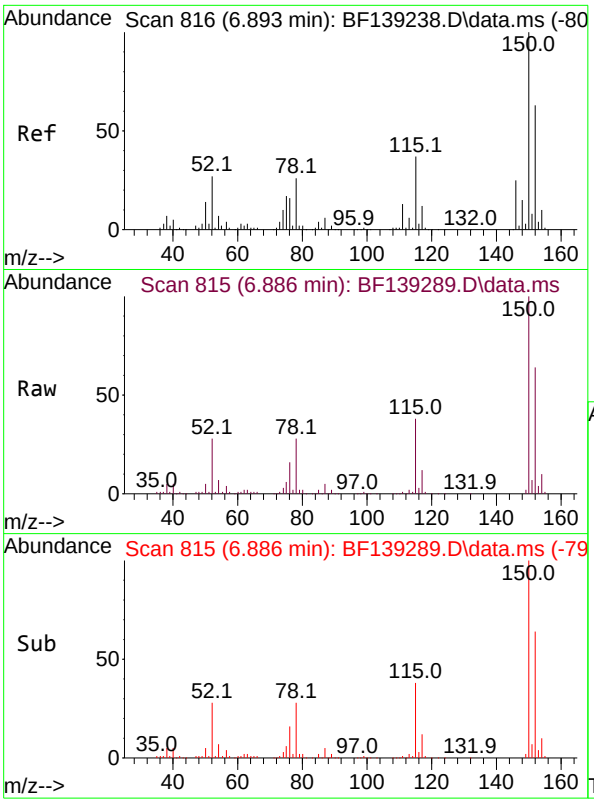
Quant Time: Sep 10 00:39:15 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF090424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 04 16:11:43 2024
Response via : Initial Calibration



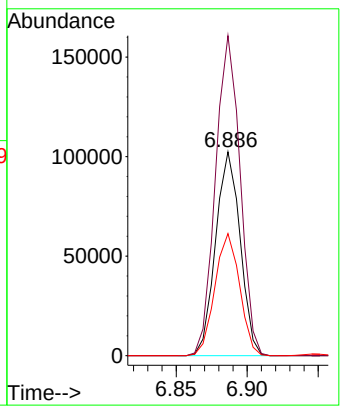


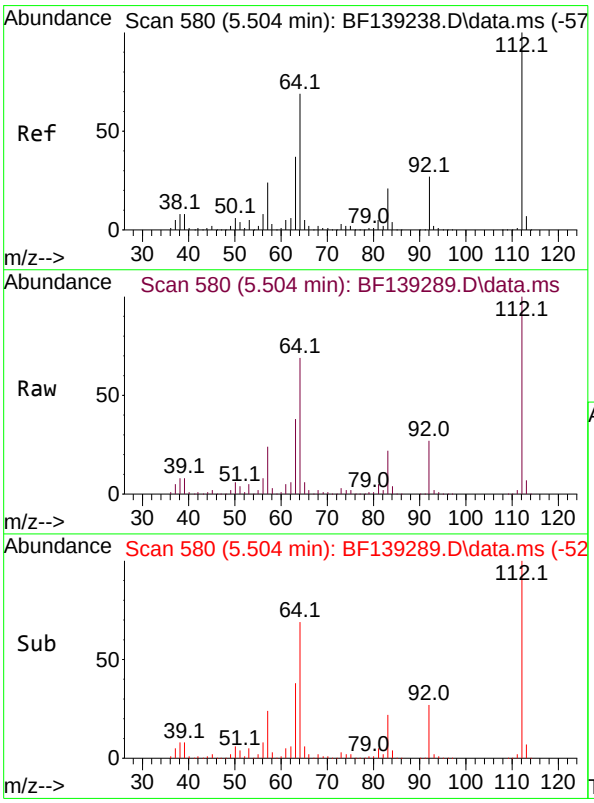
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.886 min Scan# 8
Delta R.T. -0.007 min
Lab File: BF139289.D
Acq: 09 Sep 2024 18:18

Instrument :
BNA_F
ClientSampleId :
VNJ223

Tgt Ion:152 Resp: 123090

Ion	Ratio	Lower	Upper
152	100		
150	157.0	127.0	190.4
115	59.9	46.9	70.3

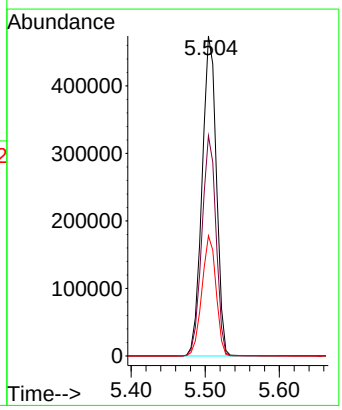


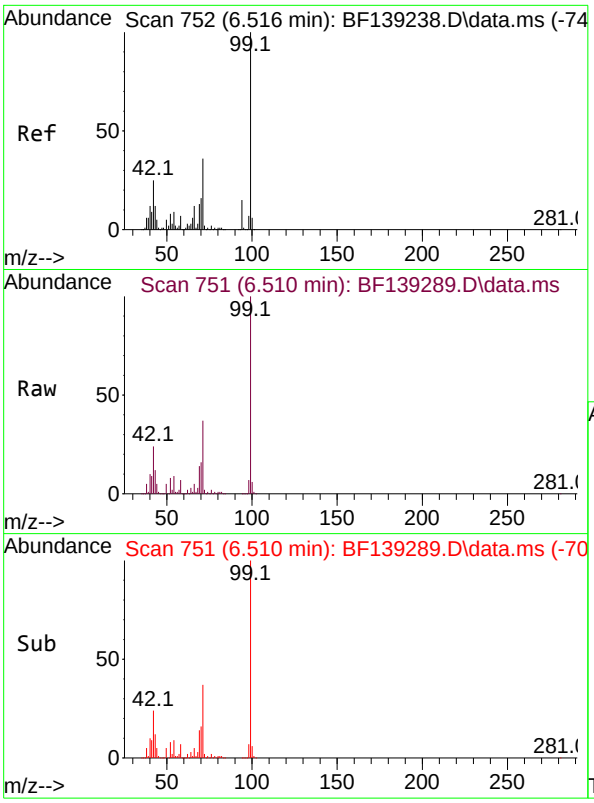


#5
2-Fluorophenol
Concen: 86.517 ng
RT: 5.504 min Scan# 580
Delta R.T. -0.000 min
Lab File: BF139289.D
Acq: 09 Sep 2024 18:18

Tgt Ion:112 Resp: 636595

Ion	Ratio	Lower	Upper
112	100		
64	68.8	55.0	82.4
63	37.5	29.9	44.9



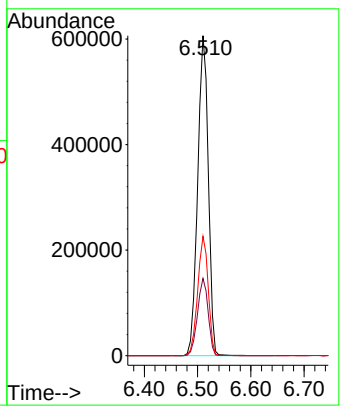


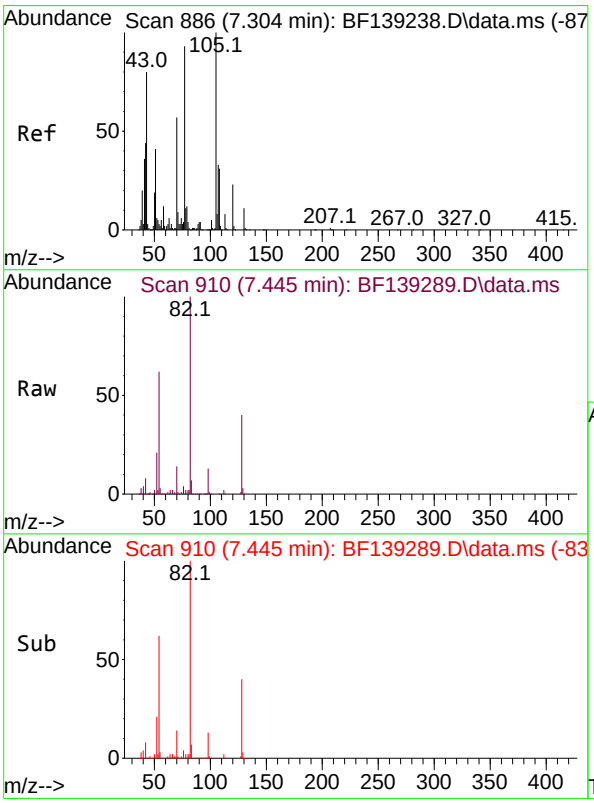
#7
Phenol-d6
Concen: 85.647 ng
RT: 6.510 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF139289.D
Acq: 09 Sep 2024 18:18

Instrument :
BNA_F
ClientSampleId :
VNJ223

Tgt Ion: 99 Resp: 841296

Ion	Ratio	Lower	Upper
99	100		
42	24.1	19.8	29.6
71	37.3	28.8	43.2

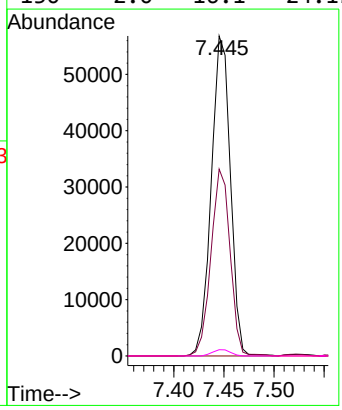


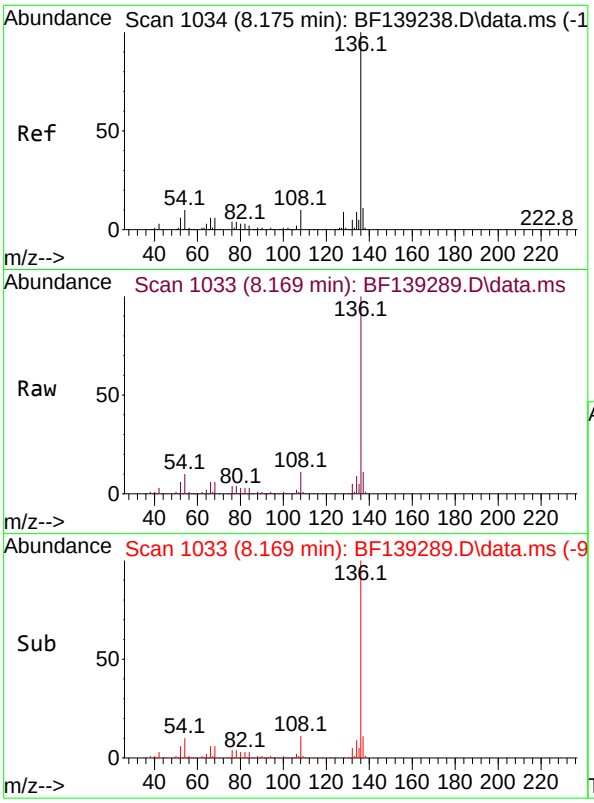


#19
n-Nitroso-di-n-propylamine
Concen: 13.291 ng
RT: 7.445 min Scan# 910
Delta R.T. 0.141 min
Lab File: BF139289.D
Acq: 09 Sep 2024 18:18

Tgt Ion: 70 Resp: 75189

Ion	Ratio	Lower	Upper
70	100		
42	58.4	61.0	91.6#
101	0.0	7.2	10.8#
130	2.0	16.1	24.1#



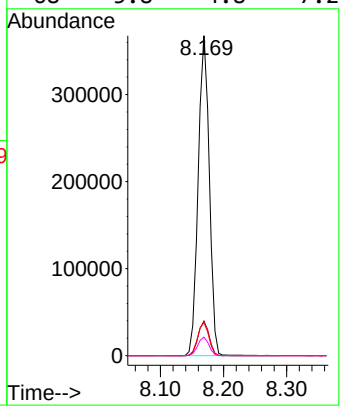


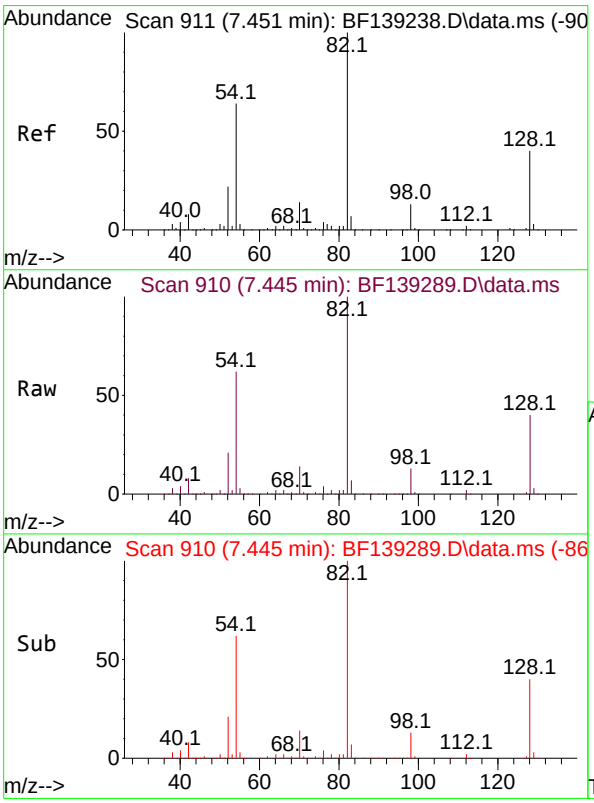
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF139289.D
Acq: 09 Sep 2024 18:18

Instrument :
BNA_F
ClientSampleId :
VNJ223

Tgt Ion:136 Resp: 449063

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.6	13.0
54	10.4	8.4	12.6
68	5.8	4.8	7.2

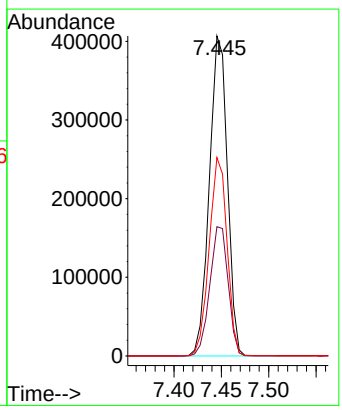


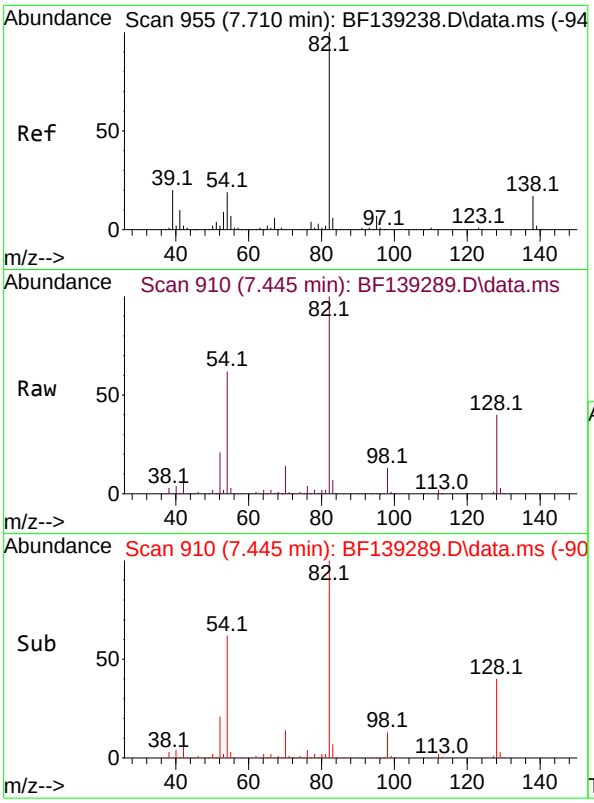


#23
Nitrobenzene-d5
Concen: 62.546 ng
RT: 7.445 min Scan# 910
Delta R.T. -0.006 min
Lab File: BF139289.D
Acq: 09 Sep 2024 18:18

Tgt Ion: 82 Resp: 539904

Ion	Ratio	Lower	Upper
82	100		
128	40.4	32.3	48.5
54	62.0	51.2	76.8



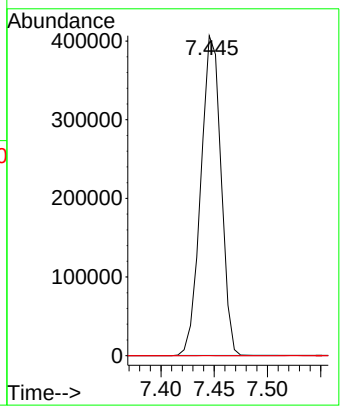


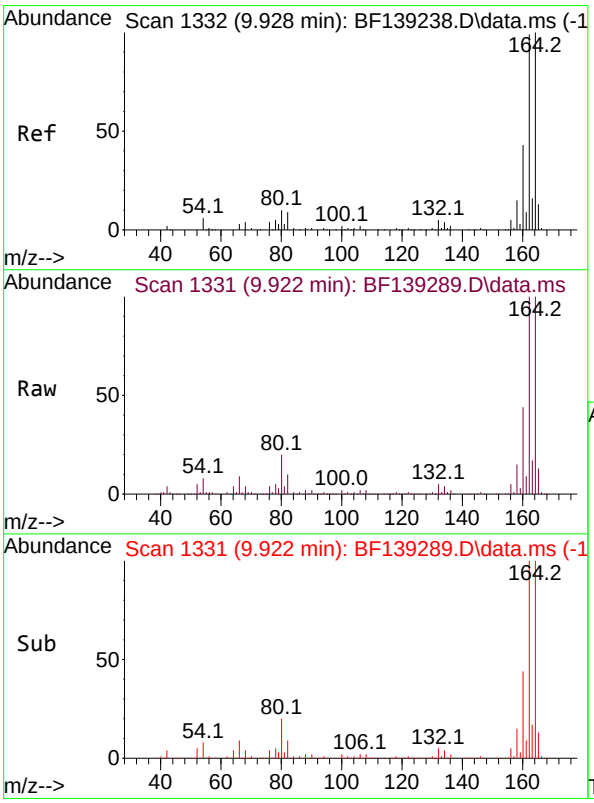
#25
Isophorone
Concen: 36.434 ng
RT: 7.445 min Scan# 91
Delta R.T. -0.265 min
Lab File: BF139289.D
Acq: 09 Sep 2024 18:18

Instrument :
BNA_F
ClientSampleId :
VNJ223

Tgt Ion: 82 Resp: 537692

Ion	Ratio	Lower	Upper
82	100		
95	0.0	6.0	9.0#
138	0.0	13.4	20.0#

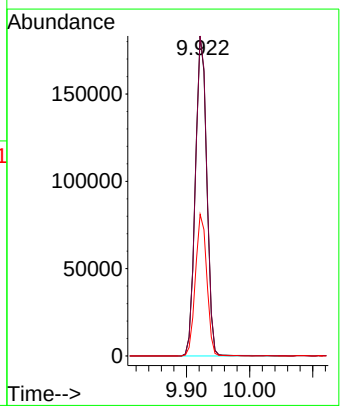


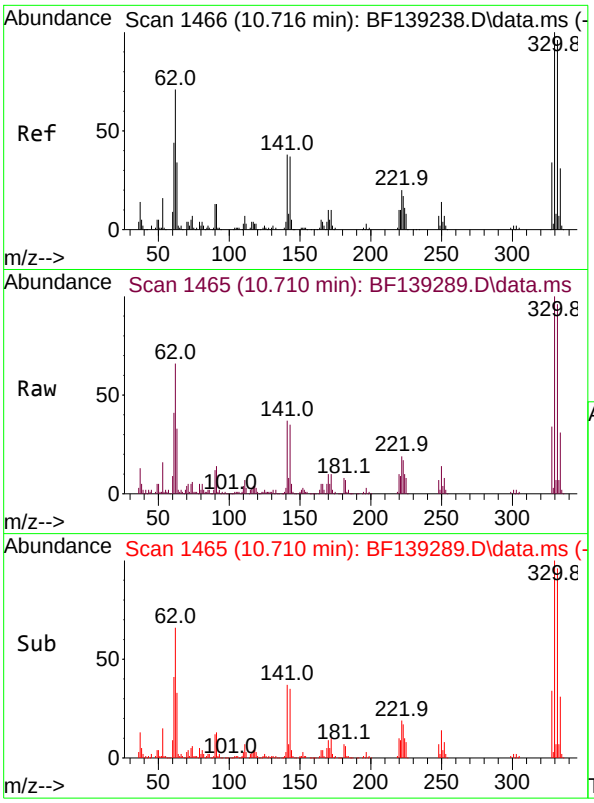


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1331
Delta R.T. -0.006 min
Lab File: BF139289.D
Acq: 09 Sep 2024 18:18

Tgt Ion:164 Resp: 229052

Ion	Ratio	Lower	Upper
164	100		
162	100.0	79.2	118.8
160	44.2	34.2	51.2



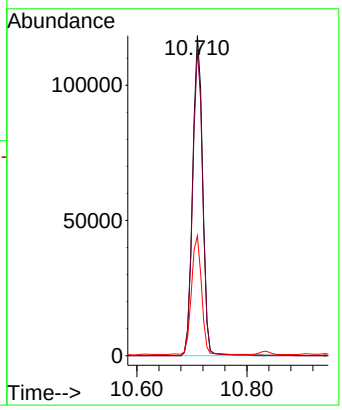


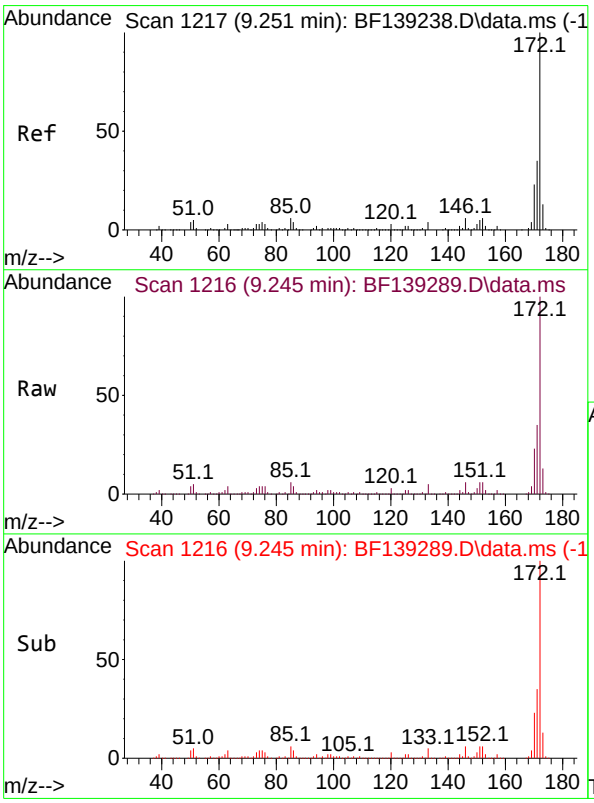
#42
2,4,6-Tribromophenol
Concen: 75.436 ng
RT: 10.710 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF139289.D
Acq: 09 Sep 2024 18:18

Instrument :
BNA_F
ClientSampleId :
VNJ223

Tgt Ion:330 Resp: 149204

Ion	Ratio	Lower	Upper
330	100		
332	95.5	76.6	115.0
141	37.5	30.1	45.1

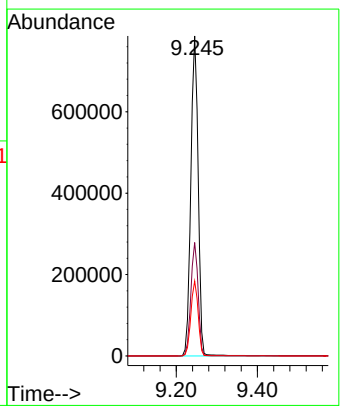


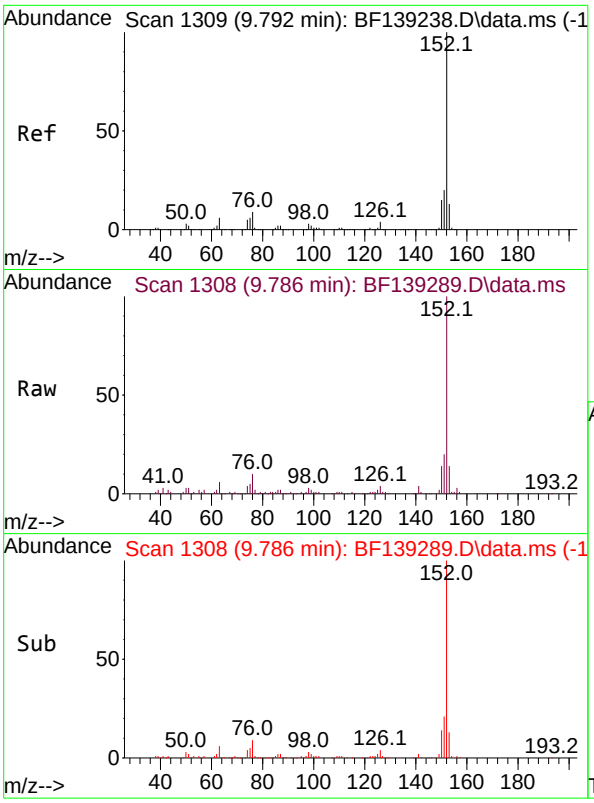


#45
2-Fluorobiphenyl
Concen: 66.554 ng
RT: 9.245 min Scan# 1216
Delta R.T. -0.006 min
Lab File: BF139289.D
Acq: 09 Sep 2024 18:18

Tgt Ion:172 Resp: 987553

Ion	Ratio	Lower	Upper
172	100		
171	35.5	28.3	42.5
170	23.4	18.7	28.1



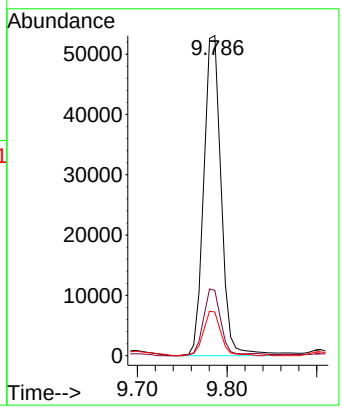


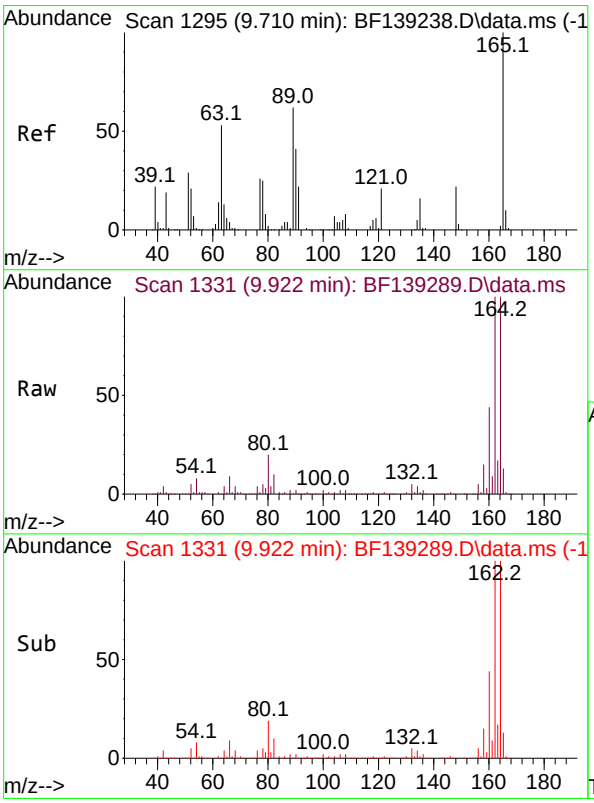
#49
Acenaphthylene
Concen: 3.705 ng
RT: 9.786 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF139289.D
Acq: 09 Sep 2024 18:18

Instrument :
BNA_F
ClientSampleId :
VNJ223

Tgt Ion:152 Resp: 71503

Ion	Ratio	Lower	Upper
152	100		
151	20.4	16.0	24.0
153	13.7	10.4	15.6

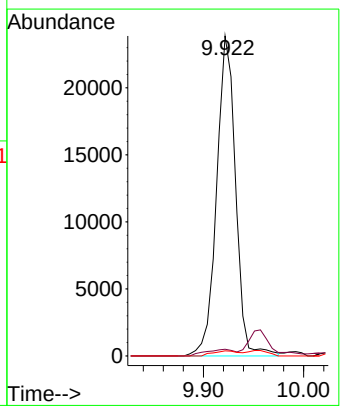


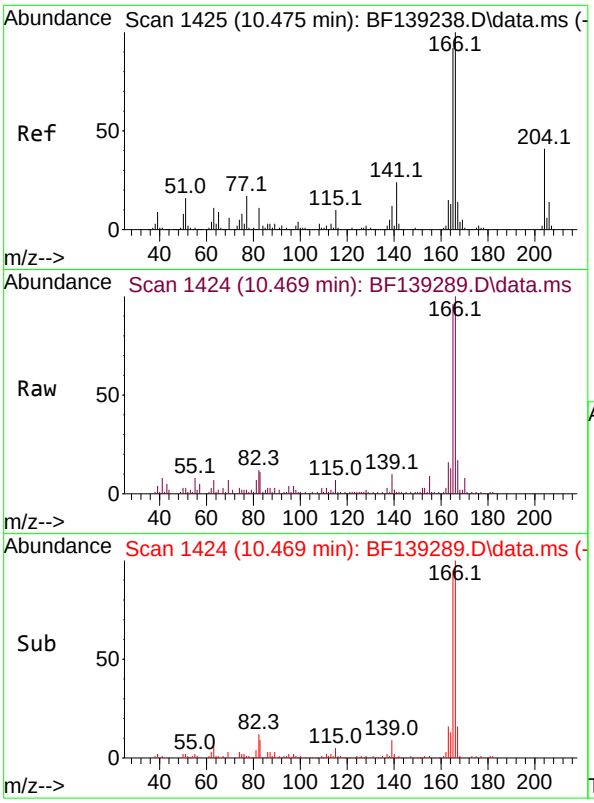


#51
2,6-Dinitrotoluene
Concen: 9.937 ng
RT: 9.922 min Scan# 1331
Delta R.T. 0.212 min
Lab File: BF139289.D
Acq: 09 Sep 2024 18:18

Tgt Ion:165 Resp: 31296

Ion	Ratio	Lower	Upper
165	100		
63	2.1	56.1	84.1#
89	1.6	49.7	74.5#



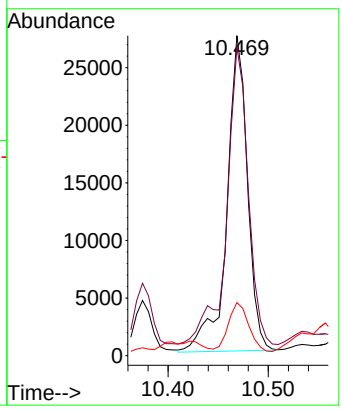


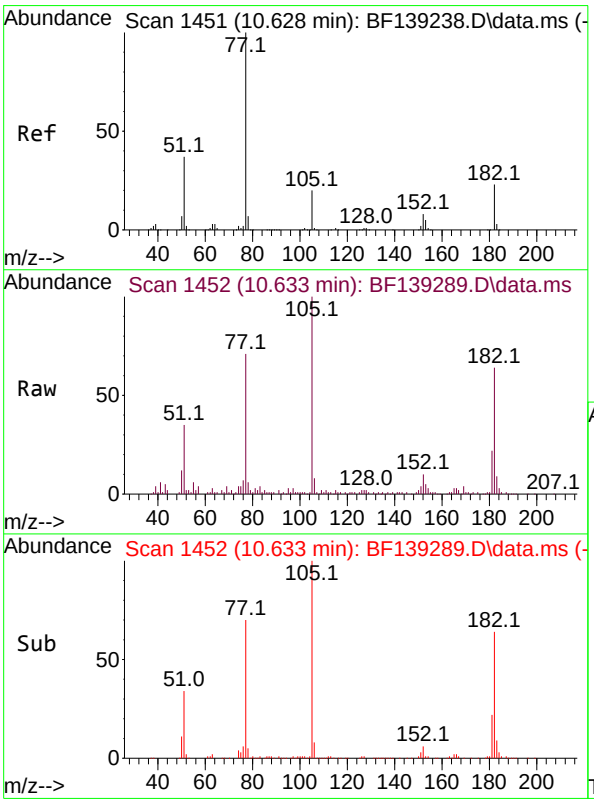
#58
Fluorene
Concen: 2.769 ng
RT: 10.469 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF139289.D
Acq: 09 Sep 2024 18:18

Instrument :
BNA_F
ClientSampleId :
VNJ223

Tgt Ion:166 Resp: 39399

Ion	Ratio	Lower	Upper
166	100		
165	96.4	73.7	110.5
167	16.6	10.9	16.3#

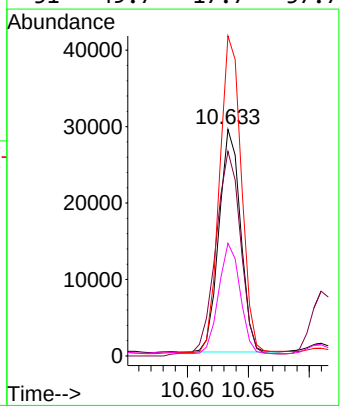


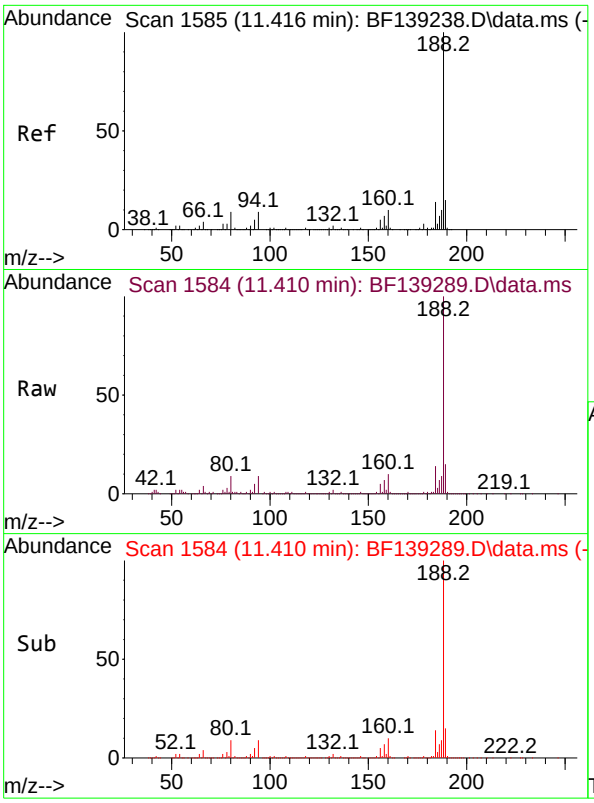


#63
Azobenzene
Concen: 2.485 ng
RT: 10.633 min Scan# 1452
Delta R.T. 0.006 min
Lab File: BF139289.D
Acq: 09 Sep 2024 18:18

Tgt Ion: 77 Resp: 35786

Ion	Ratio	Lower	Upper
77	100		
182	90.3	3.0	43.0#
105	141.2	0.0	39.4#
51	49.7	17.7	57.7



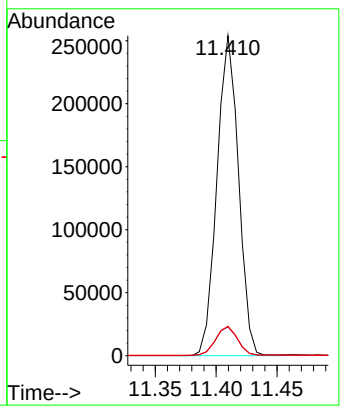


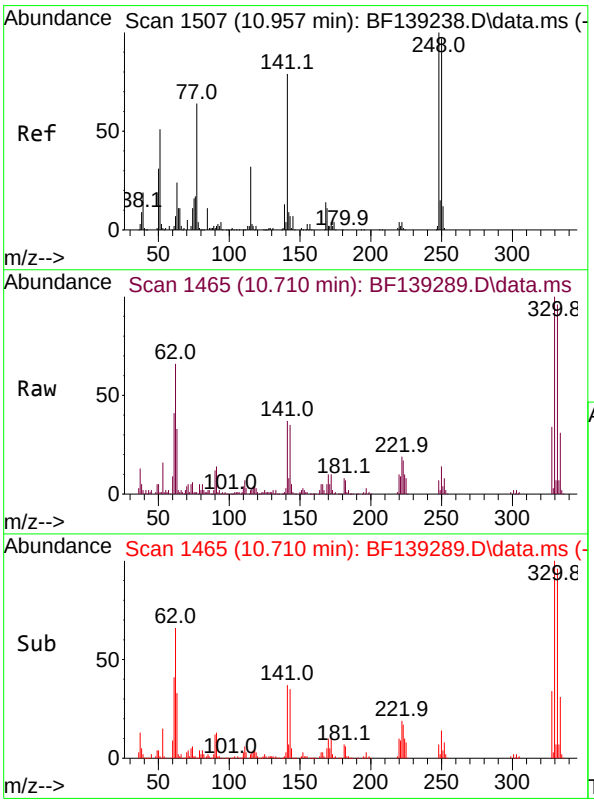
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF139289.D
Acq: 09 Sep 2024 18:18

Instrument :
BNA_F
ClientSampleId :
VNJ223

Tgt Ion:188 Resp: 313149

Ion	Ratio	Lower	Upper
188	100		
94	9.0	7.0	10.4
80	9.2	7.3	10.9

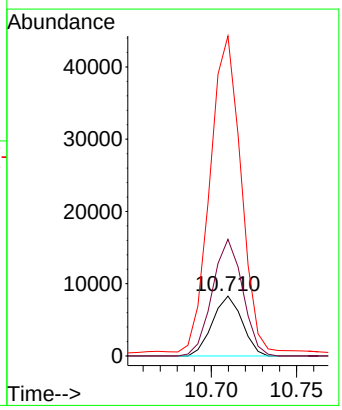


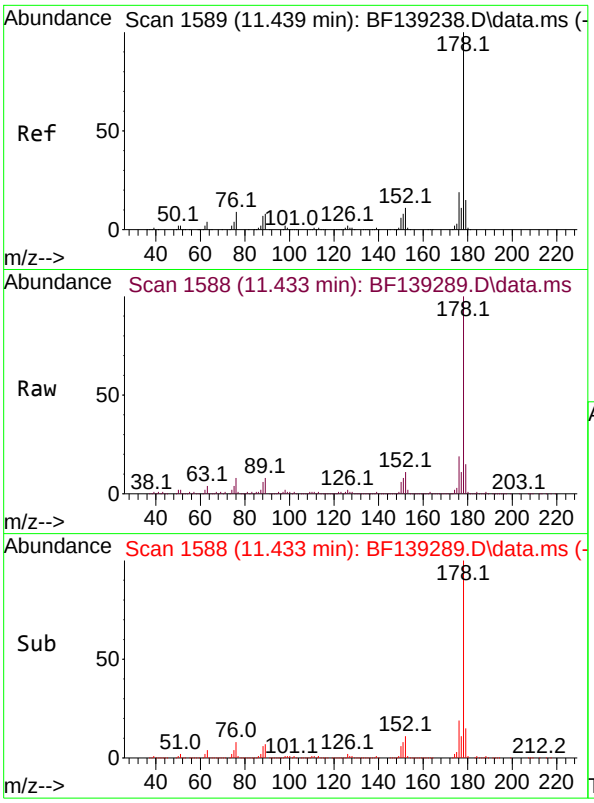


#67
4-Bromophenyl-phenylether
Concen: 3.307 ng
RT: 10.710 min Scan# 1465
Delta R.T. -0.247 min
Lab File: BF139289.D
Acq: 09 Sep 2024 18:18

Tgt Ion:248 Resp: 10049

Ion	Ratio	Lower	Upper
248	100		
250	194.9	77.2	115.8#
141	534.6	63.6	95.4#



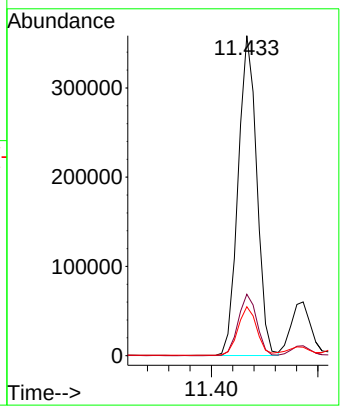


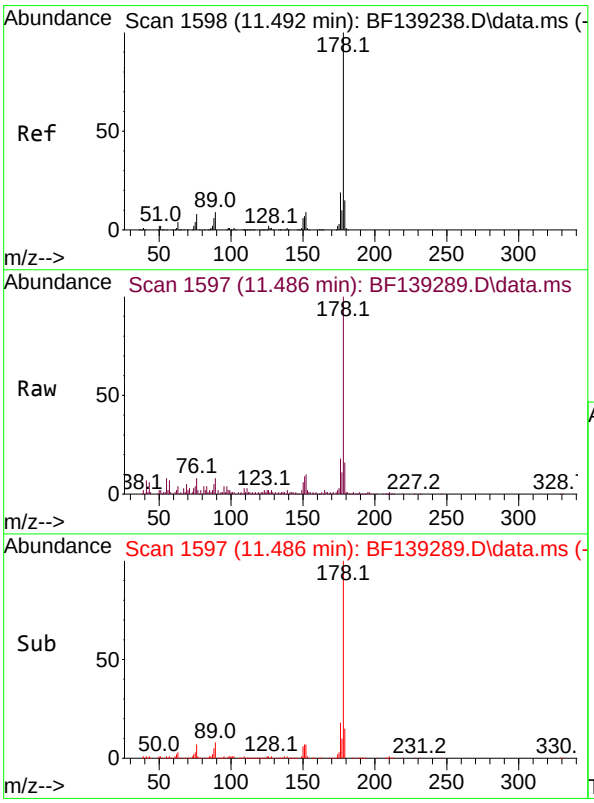
#71
Phenanthrene
Concen: 29.746 ng
RT: 11.433 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF139289.D
Acq: 09 Sep 2024 18:18

Instrument :
BNA_F
ClientSampleId :
VNJ223

Tgt Ion:178 Resp: 435149

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.4	23.0
179	15.3	12.3	18.5

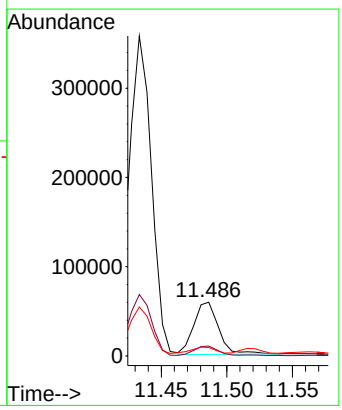


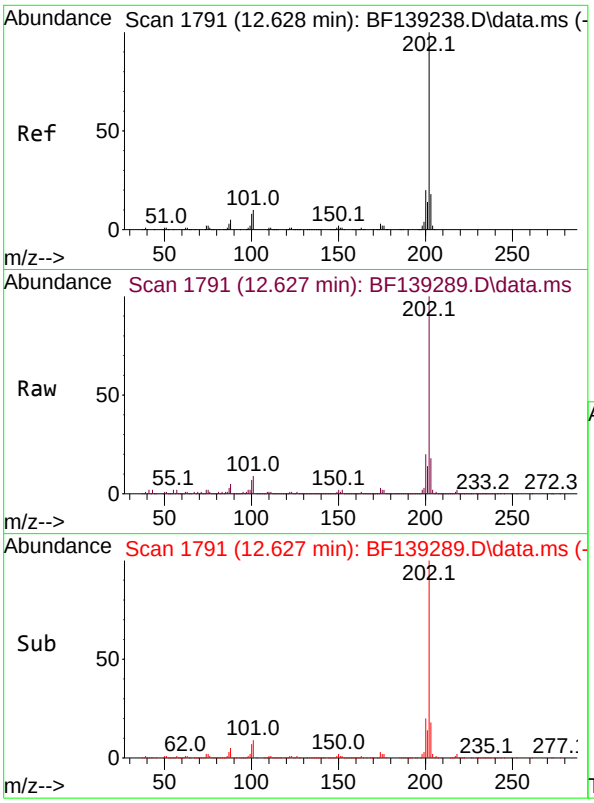


#72
Anthracene
Concen: 5.393 ng
RT: 11.486 min Scan# 1597
Delta R.T. -0.006 min
Lab File: BF139289.D
Acq: 09 Sep 2024 18:18

Tgt Ion:178 Resp: 77073

Ion	Ratio	Lower	Upper
178	100		
176	18.4	15.0	22.4
179	15.9	12.3	18.5



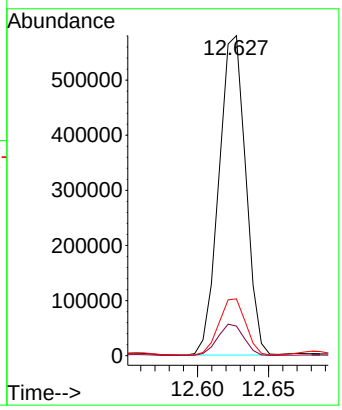


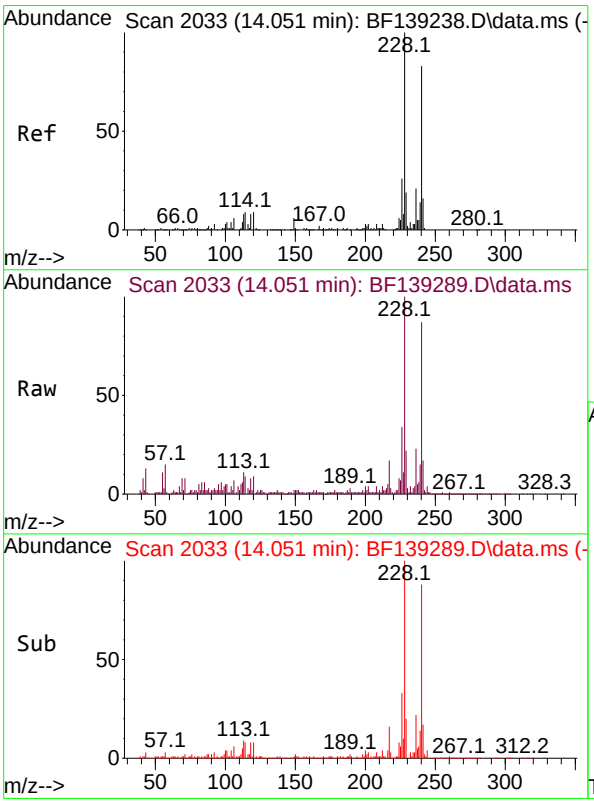
#75
Fluoranthene
Concen: 51.856 ng
RT: 12.627 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF139289.D
Acq: 09 Sep 2024 18:18

Instrument :
BNA_F
ClientSampleId :
VNJ223

Tgt Ion:202 Resp: 760536

Ion	Ratio	Lower	Upper
202	100		
101	9.3	0.0	29.9
203	17.8	0.0	37.7

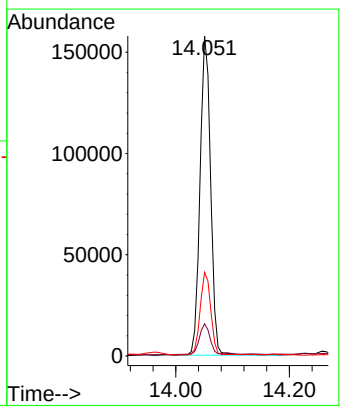


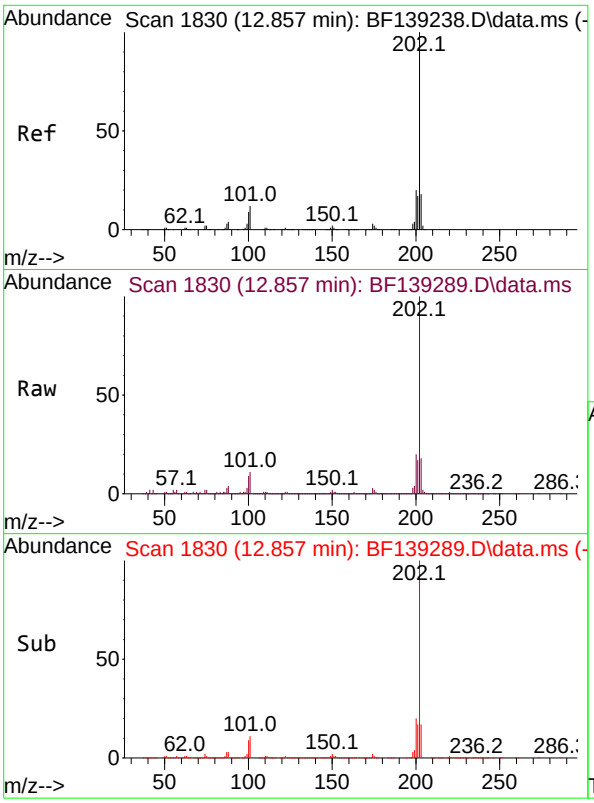


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2033
Delta R.T. -0.000 min
Lab File: BF139289.D
Acq: 09 Sep 2024 18:18

Tgt Ion:240 Resp: 203513

Ion	Ratio	Lower	Upper
240	100		
120	10.1	8.6	12.8
236	26.1	20.7	31.1



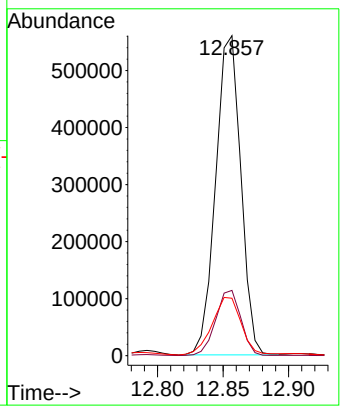


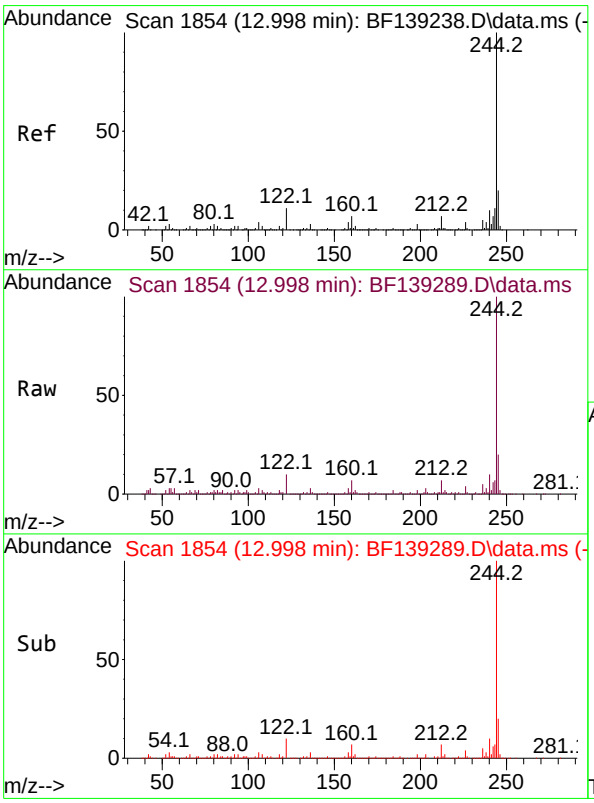
#78
Pyrene
Concen: 37.950 ng
RT: 12.857 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF139289.D
Acq: 09 Sep 2024 18:18

Instrument :
BNA_F
ClientSampleId :
VNJ223

Tgt Ion:202 Resp: 746081

Ion	Ratio	Lower	Upper
202	100		
200	20.4	15.8	23.8
203	17.9	14.1	21.1

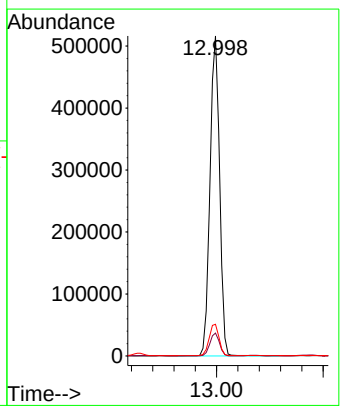


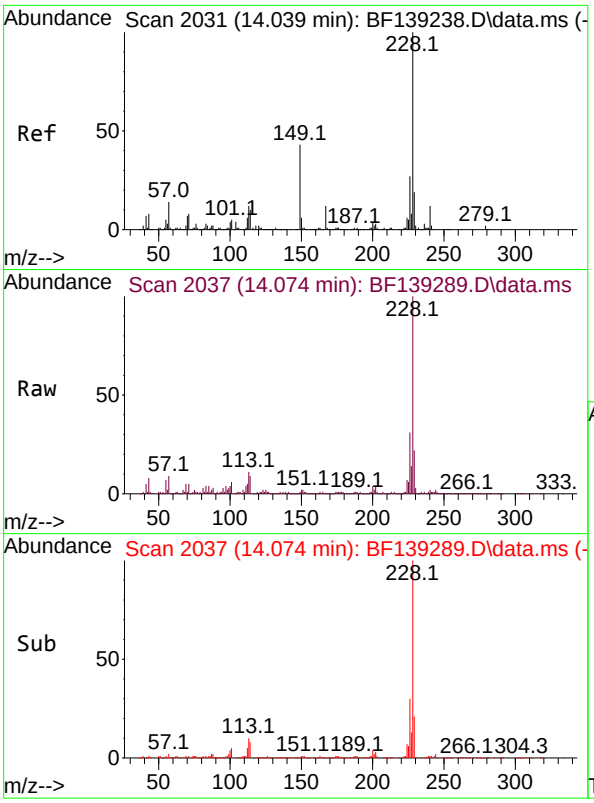


#79
Terphenyl-d14
Concen: 51.336 ng
RT: 12.998 min Scan# 1854
Delta R.T. -0.000 min
Lab File: BF139289.D
Acq: 09 Sep 2024 18:18

Tgt Ion:244 Resp: 647077

Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.9	8.9
122	9.9	8.7	13.1



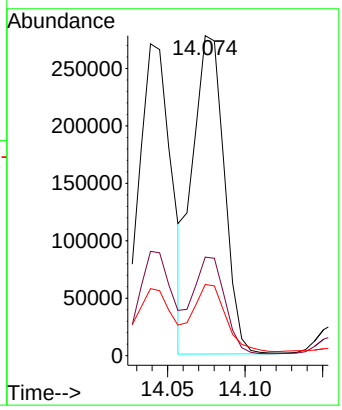


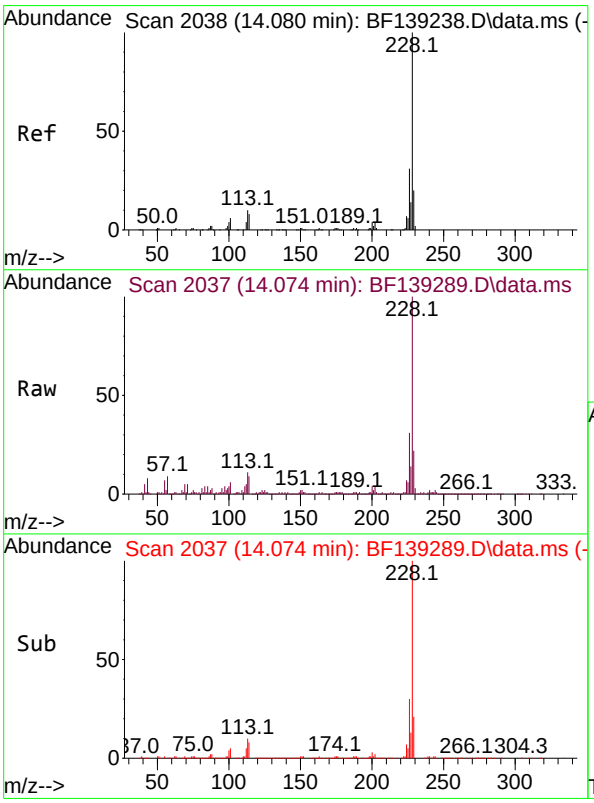
#81
Benzo(a)anthracene
Concen: 30.418 ng
RT: 14.074 min Scan# 2
Delta R.T. 0.035 min
Lab File: BF139289.D
Acq: 09 Sep 2024 18:18

Instrument :
BNA_F
ClientSampleId :
VNJ223

Tgt Ion:228 Resp: 395291

Ion	Ratio	Lower	Upper
228	100		
226	30.8	21.5	32.3
229	22.3	15.6	23.4

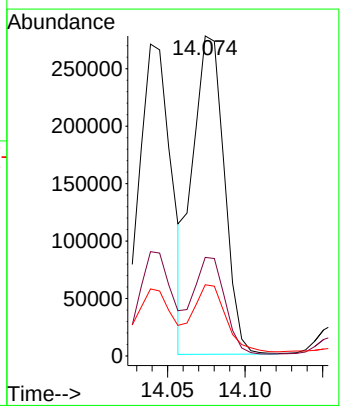


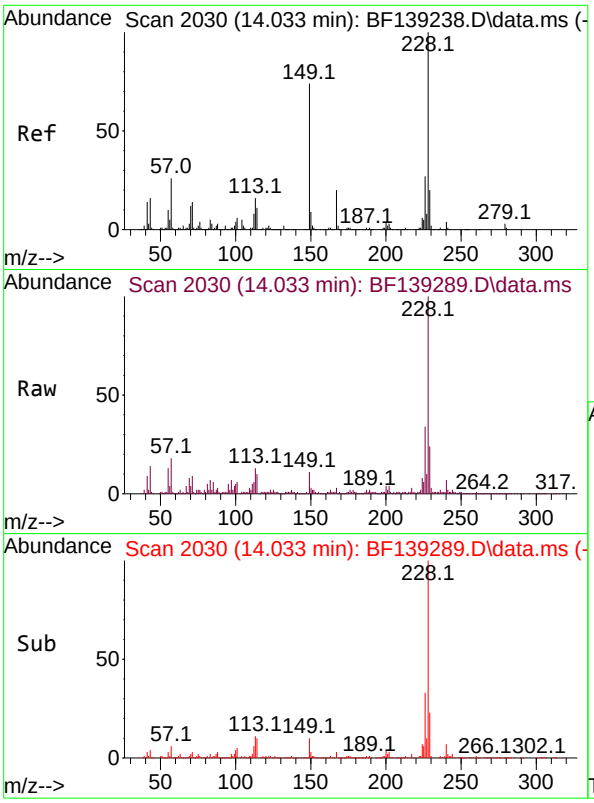


#83
Chrysene
Concen: 32.591 ng
RT: 14.074 min Scan# 2037
Delta R.T. -0.006 min
Lab File: BF139289.D
Acq: 09 Sep 2024 18:18

Tgt Ion:228 Resp: 395291

Ion	Ratio	Lower	Upper
228	100		
226	30.8	23.8	35.8
229	22.3	15.8	23.6



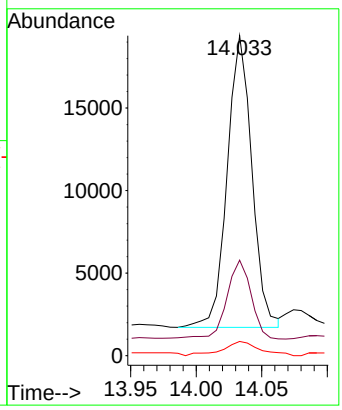


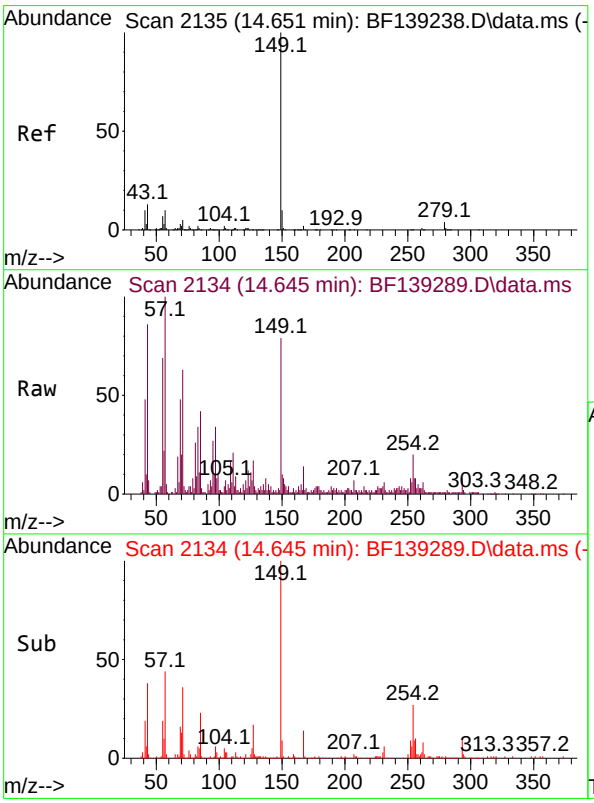
#84
Bis(2-ethylhexyl)phthalate
Concen: 4.262 ng
RT: 14.033 min Scan# 2
Delta R.T. -0.000 min
Lab File: BF139289.D
Acq: 09 Sep 2024 18:18

Instrument :
BNA_F
ClientSampleId :
VNJ223

Tgt Ion:149 Resp: 23154

Ion	Ratio	Lower	Upper
149	100		
167	29.9	21.8	32.6
279	4.4	3.0	4.6

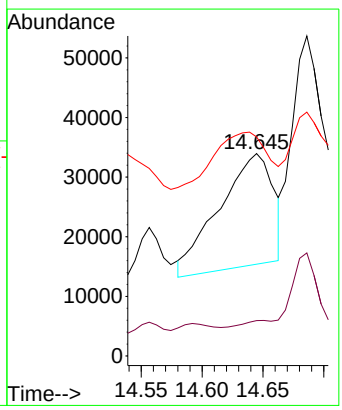


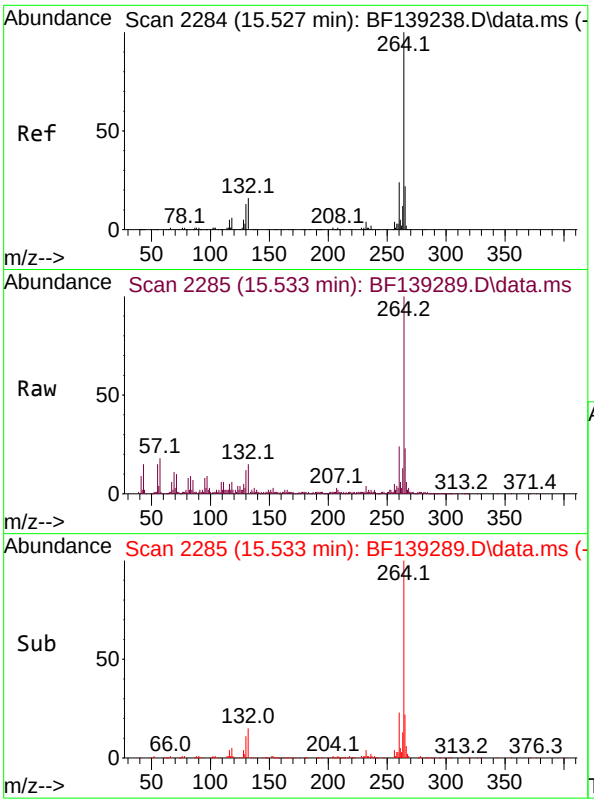


#85
Di-n-octyl phthalate
Concen: 5.584 ng
RT: 14.645 min Scan# 2134
Delta R.T. -0.006 min
Lab File: BF139289.D
Acq: 09 Sep 2024 18:18

Tgt Ion:149 Resp: 58077

Ion	Ratio	Lower	Upper
149	100		
167	0.0	1.3	1.9#
43	49.9	10.9	16.3#



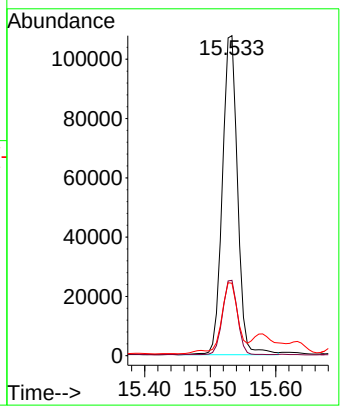


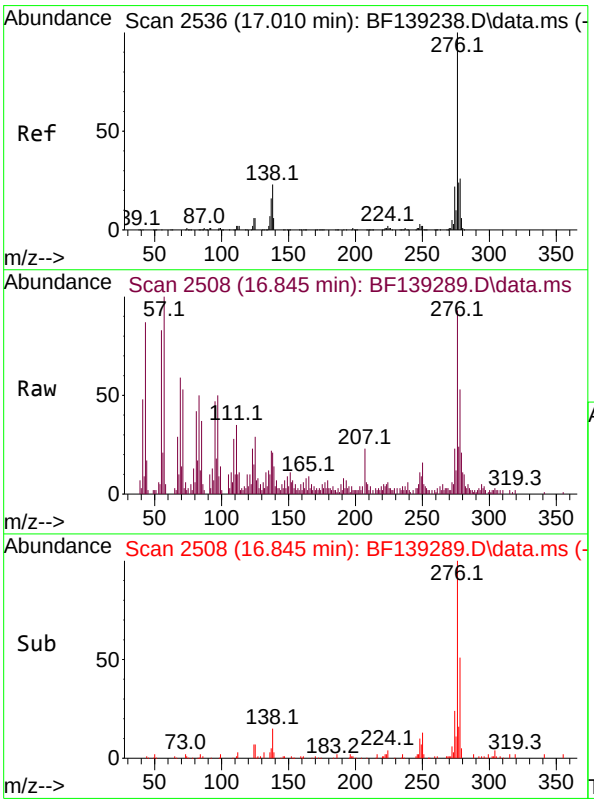
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.533 min Scan# 2
Delta R.T. 0.006 min
Lab File: BF139289.D
Acq: 09 Sep 2024 18:18

Instrument :
BNA_F
ClientSampleId :
VNJ223

Tgt Ion:264 Resp: 172232

Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.8	28.2
265	22.6	17.3	25.9

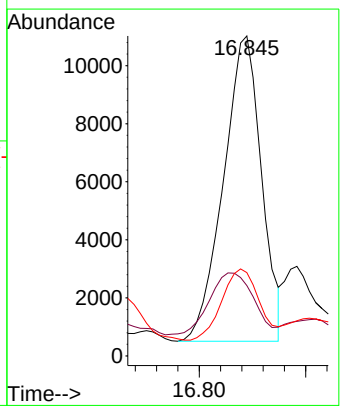


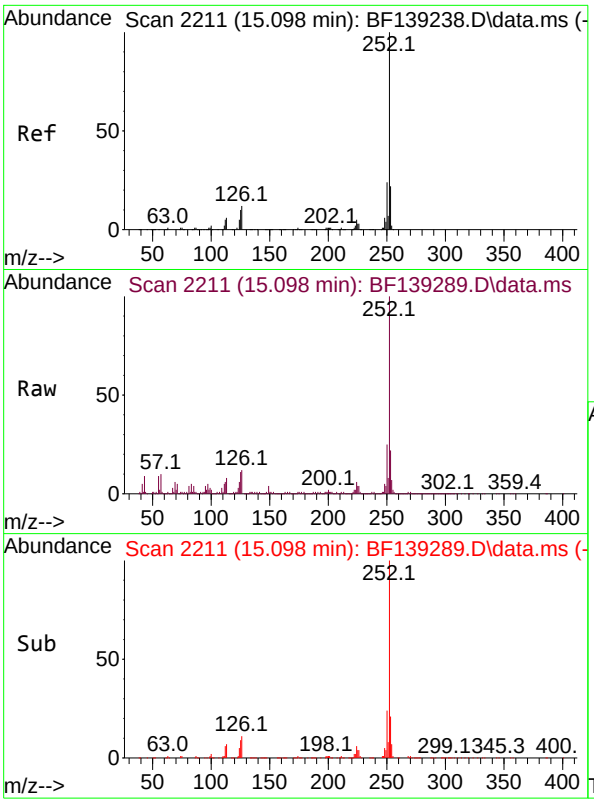


#87
Indeno(1,2,3-cd)pyrene
Concen: 2.424 ng
RT: 16.845 min Scan# 2508
Delta R.T. -0.165 min
Lab File: BF139289.D
Acq: 09 Sep 2024 18:18

Tgt Ion:276 Resp: 26078

Ion	Ratio	Lower	Upper
276	100		
138	22.7	20.4	30.6
277	23.0	20.3	30.5



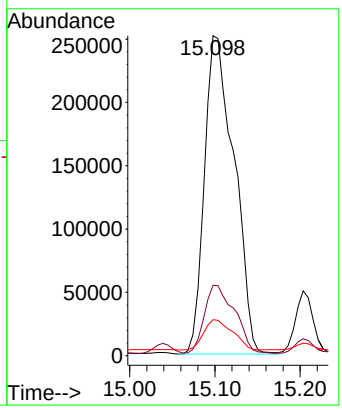


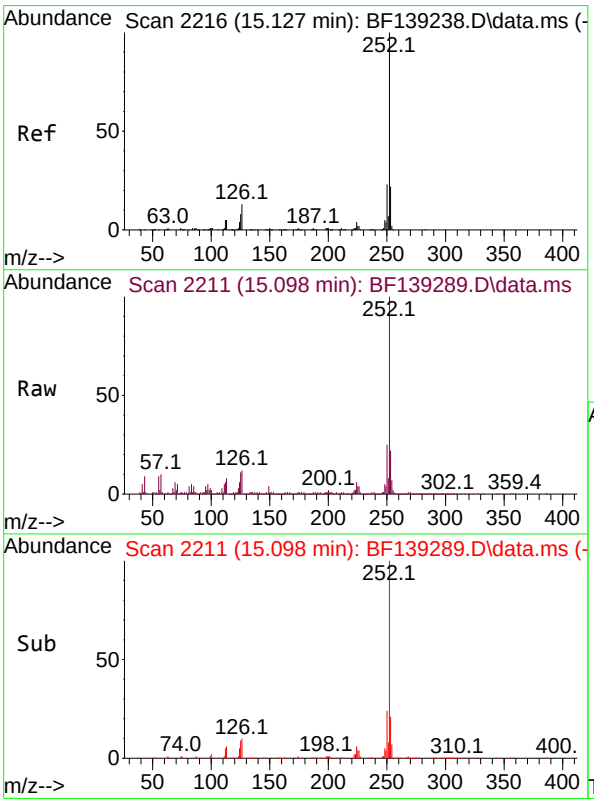
#88
Benzo(b)fluoranthene
Concen: 61.481 ng
RT: 15.098 min Scan# 2
Delta R.T. -0.000 min
Lab File: BF139289.D
Acq: 09 Sep 2024 18:18

Instrument :
BNA_F
ClientSampleId :
VNJ223

Tgt Ion:252 Resp: 609814

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.6	26.4
125	11.2	7.6	11.4

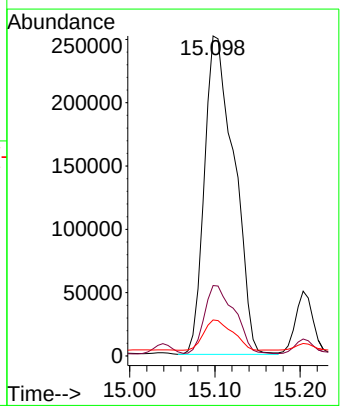


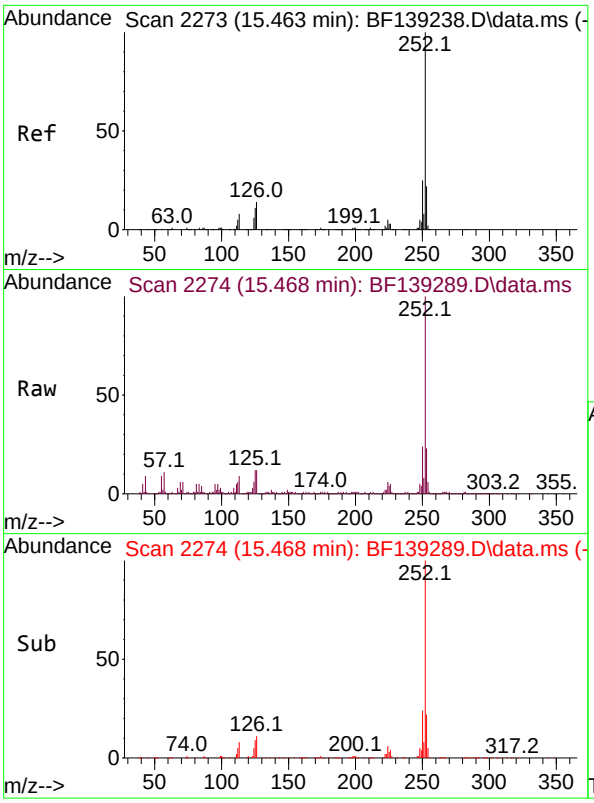


#89
Benzo(k)fluoranthene
Concen: 68.569 ng
RT: 15.098 min Scan# 2211
Delta R.T. -0.030 min
Lab File: BF139289.D
Acq: 09 Sep 2024 18:18

Tgt Ion:252 Resp: 609814

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.6	26.4
125	11.2	7.2	10.8#



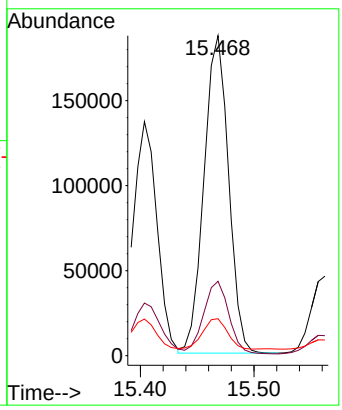


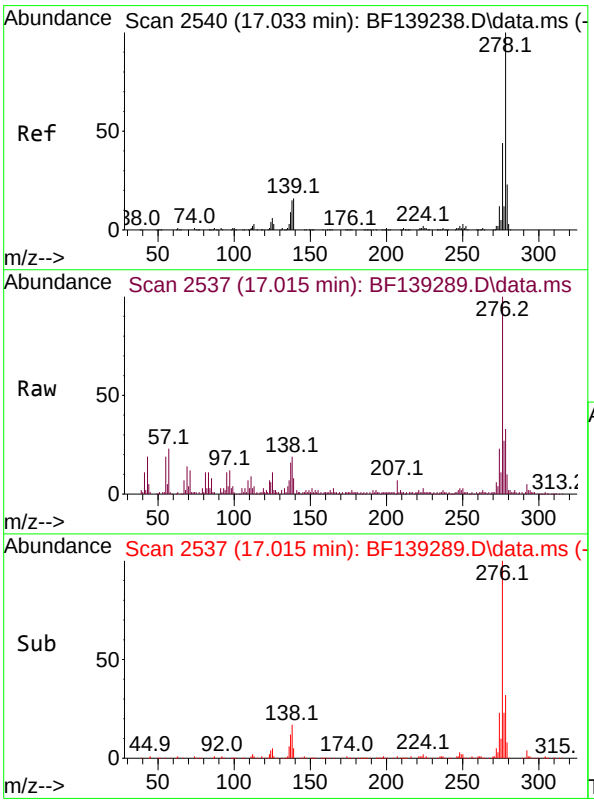
#90
Benzo(a)pyrene
Concen: 33.333 ng
RT: 15.468 min Scan# 2
Delta R.T. 0.006 min
Lab File: BF139289.D
Acq: 09 Sep 2024 18:18

Instrument :
BNA_F
ClientSampleId :
VNJ223

Tgt Ion:252 Resp: 280745

Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.5	26.3
125	11.6	8.6	13.0

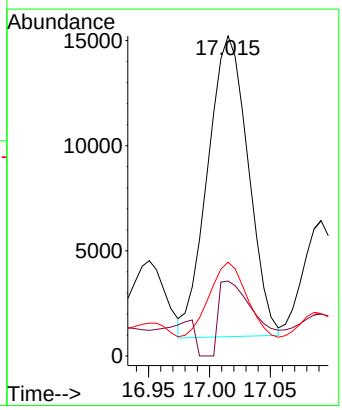


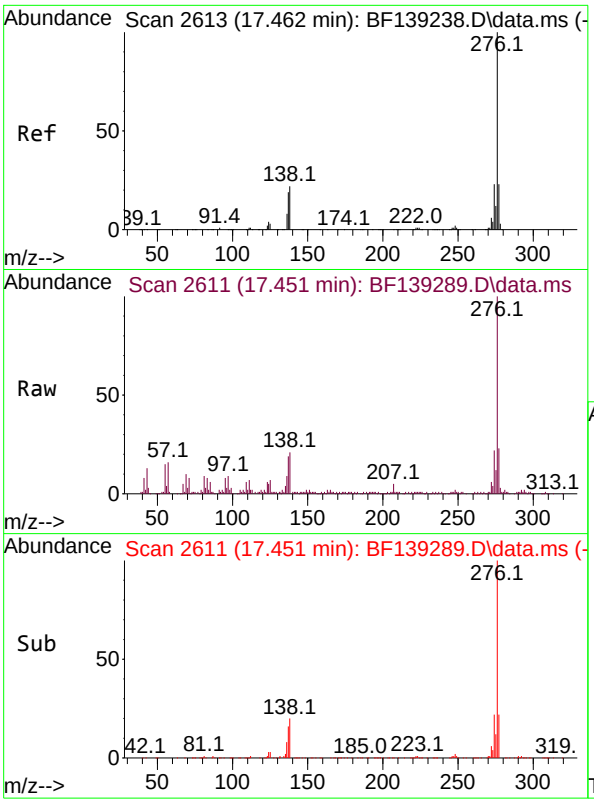


#91
Dibenzo(a,h)anthracene
Concen: 3.739 ng
RT: 17.015 min Scan# 2537
Delta R.T. -0.018 min
Lab File: BF139289.D
Acq: 09 Sep 2024 18:18

Tgt Ion:278 Resp: 33156

Ion	Ratio	Lower	Upper
278	100		
139	23.4	12.6	19.0#
279	29.3	18.6	28.0#





#92
Benzo(g,h,i)perylene
Concen: 13.489 ng
RT: 17.451 min Scan# 2
Delta R.T. -0.012 min
Lab File: BF139289.D
Acq: 09 Sep 2024 18:18

Instrument :
BNA_F
ClientSampleId :
VNJ223

Tgt Ion:276 Resp: 123463

Ion	Ratio	Lower	Upper
276	100		
277	23.2	18.6	27.8
138	21.4	17.4	26.0