Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100724\
Data File : BF139699.D
Acq On : 07 Oct 2024 21:18
Operator : RC/JU
Sample : P4288-03 2X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-03-100324

Quant Time: Oct 08 01:14:43 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 02 04:58:47 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	79893	20.000	ng	0.00
21) Naphthalene-d8	8.145	136	278568	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	125556	20.000	ng	0.00
64) Phenanthrene-d10	11.386	188	199598	20.000	ng	0.00
76) Chrysene-d12	14.027	240	157998	20.000	ng	0.00
86) Perylene-d12	15.504	264	124832	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	231281	50.175	ng	0.00
7) Phenol-d6	6.493	99	297196	47.945	ng	-0.01
23) Nitrobenzene-d5	7.422	82	187314	34.045	ng	-0.01
42) 2,4,6-Tribromophenol	10.692	330	49090	40.502	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	313664	38.352	ng	0.00
79) Terphenyl-d14	12.969	244	280419	29.122	ng	-0.01
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.422	70	28650	7.189	ng	# 77
63) Azobenzene	10.610	77	35961	4.212	ng	# 2
71) Phenanthrene	11.410	178	45669	4.853	ng	97
72) Anthracene	11.410	178	45669	4.905	ng	97
75) Fluoranthene	12.598	202	85749	8.335	ng	99
78) Pyrene	12.827	202	92364	6.536	ng	97
81) Benzo(a)anthracene	14.016	228	38491	3.705	ng	# 86
83) Chrysene	14.051	228	36256	3.818	ng	# 92
88) Benzo(b)fluoranthene	15.074	252	52524	6.507	ng	# 80
89) Benzo(k)fluoranthene	15.074	252	52524	7.671	ng	# 81
90) Benzo(a)pyrene	15.439	252	26262	4.126	ng	# 81
92) Benzo(g,h,i)perylene	17.415	276	12882	2.108	ng	# 90

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

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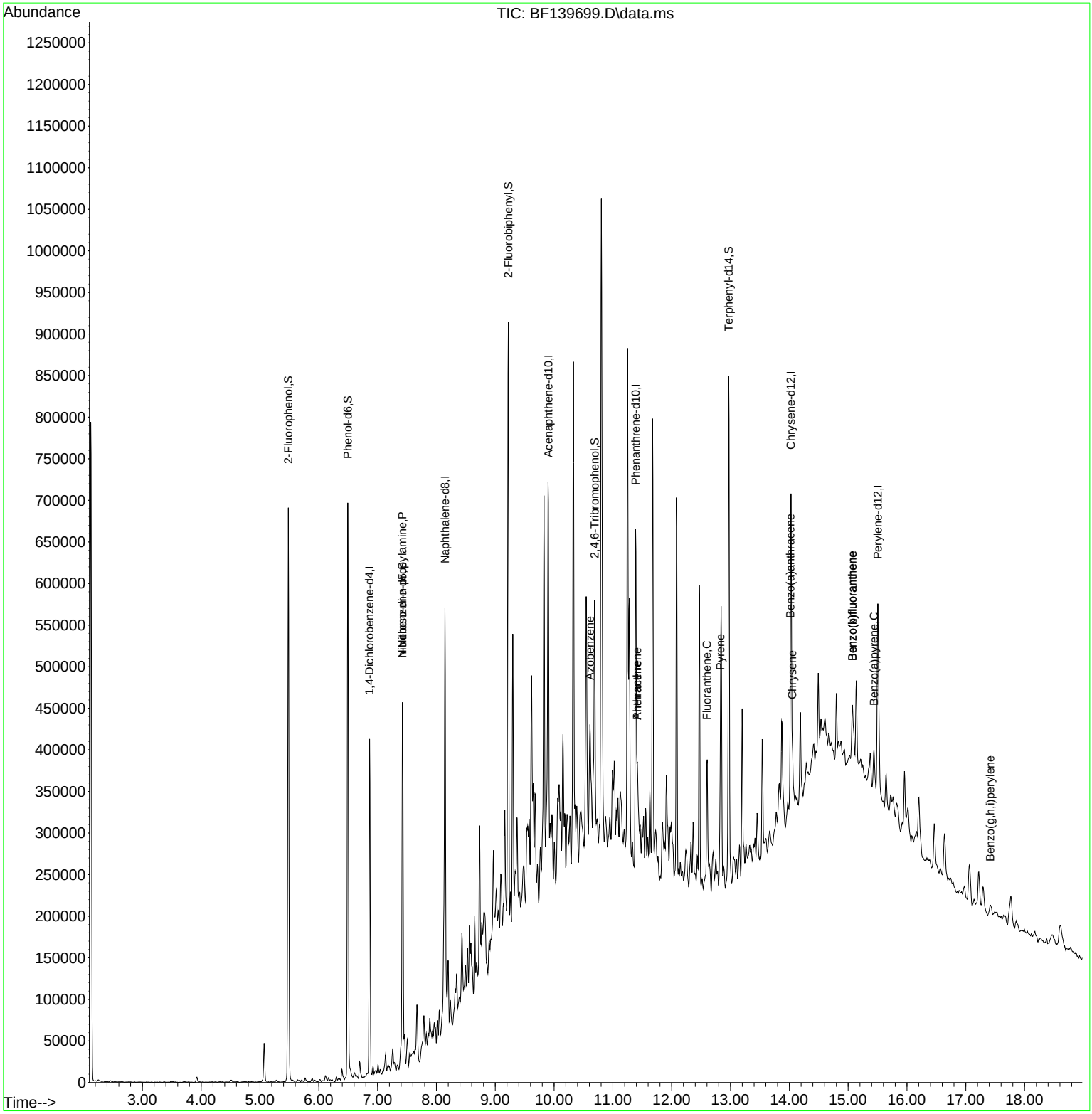
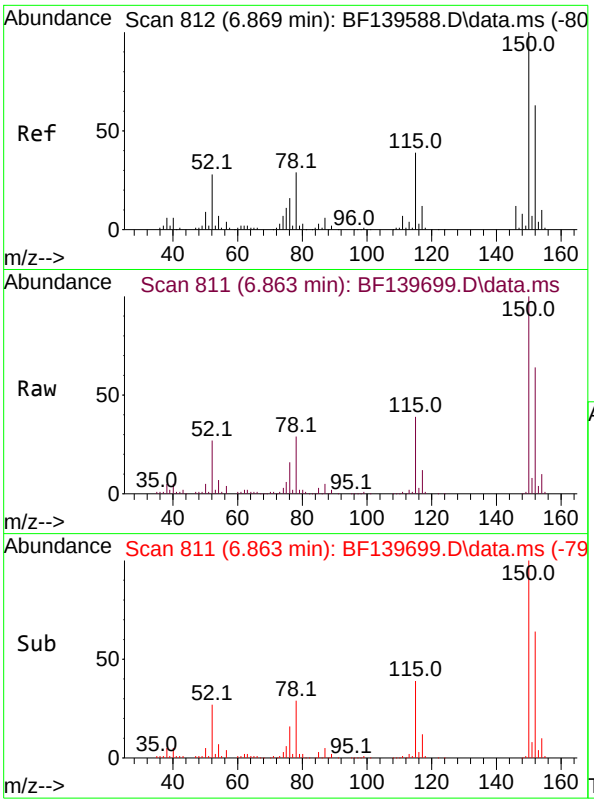
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-03-100324

Quant Time: Oct 08 01:14:43 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 02 04:58:47 2024
Response via : Initial Calibration



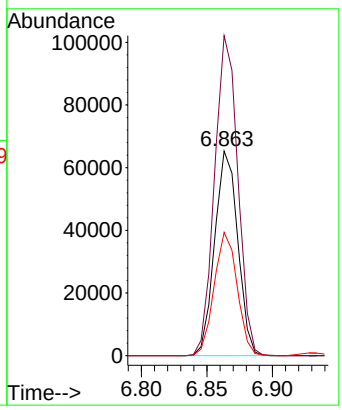


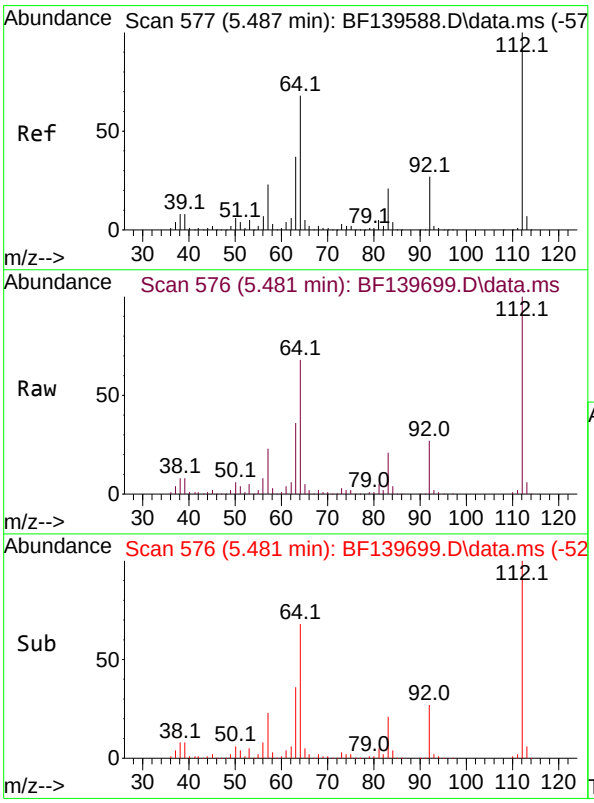
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF139699.D
Acq: 07 Oct 2024 21:18

Instrument :
BNA_F
ClientSampleId :
HR-03-100324

Tgt Ion:152 Resp: 79893

Ion	Ratio	Lower	Upper
152	100		
150	156.3	127.2	190.8
115	60.3	49.0	73.4

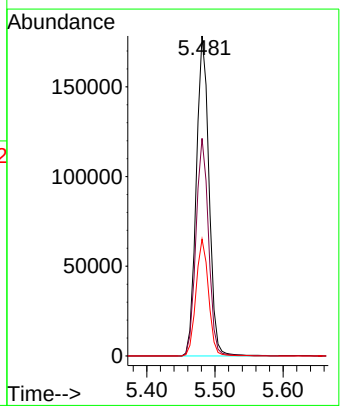


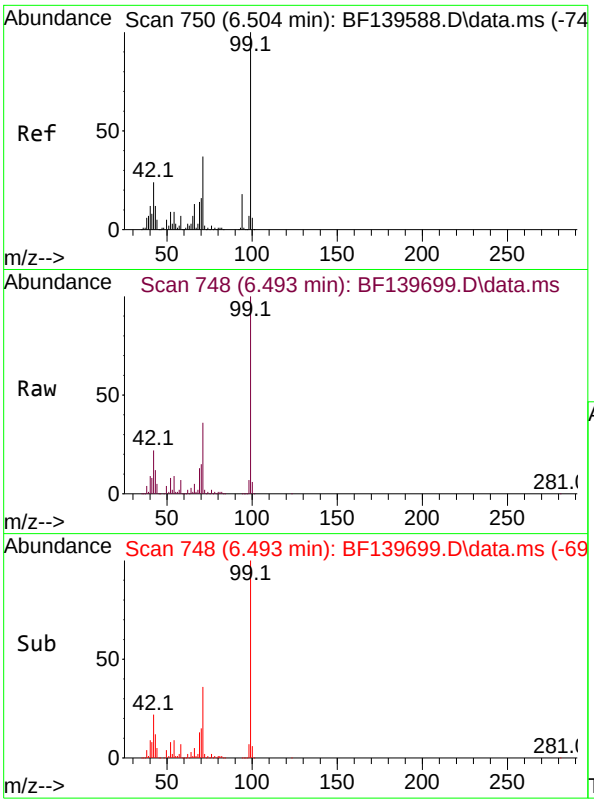


#5
2-Fluorophenol
Concen: 50.175 ng
RT: 5.481 min Scan# 576
Delta R.T. -0.006 min
Lab File: BF139699.D
Acq: 07 Oct 2024 21:18

Tgt Ion:112 Resp: 231281

Ion	Ratio	Lower	Upper
112	100		
64	68.0	54.2	81.4
63	36.5	29.4	44.2



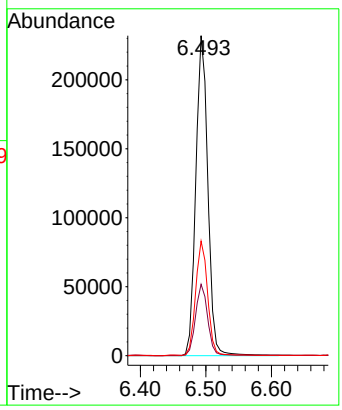


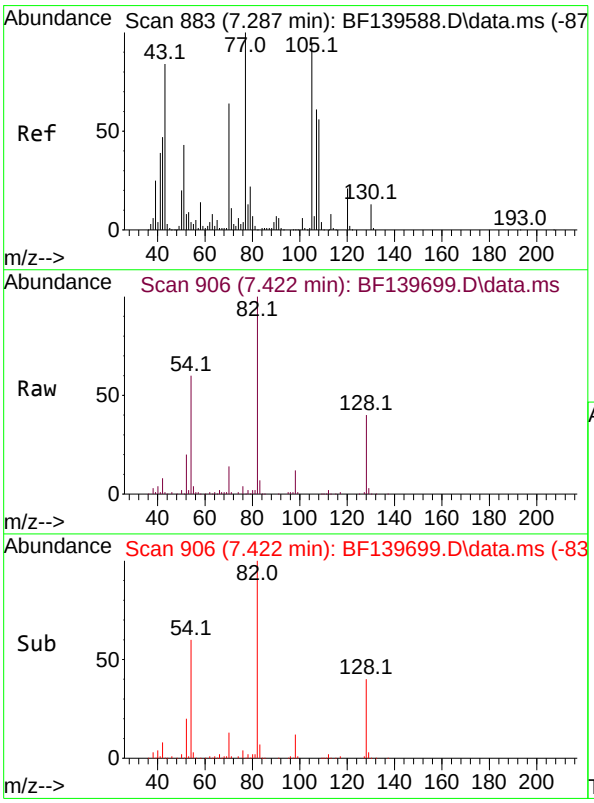
#7
Phenol-d6
Concen: 47.945 ng
RT: 6.493 min Scan# 74
Delta R.T. -0.012 min
Lab File: BF139699.D
Acq: 07 Oct 2024 21:18

Instrument :
BNA_F
ClientSampleId :
HR-03-100324

Tgt Ion: 99 Resp: 297196

Ion	Ratio	Lower	Upper
99	100		
42	22.3	19.1	28.7
71	35.8	29.7	44.5

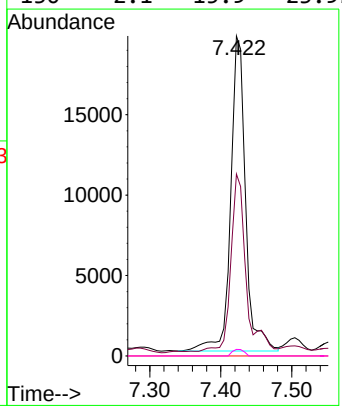


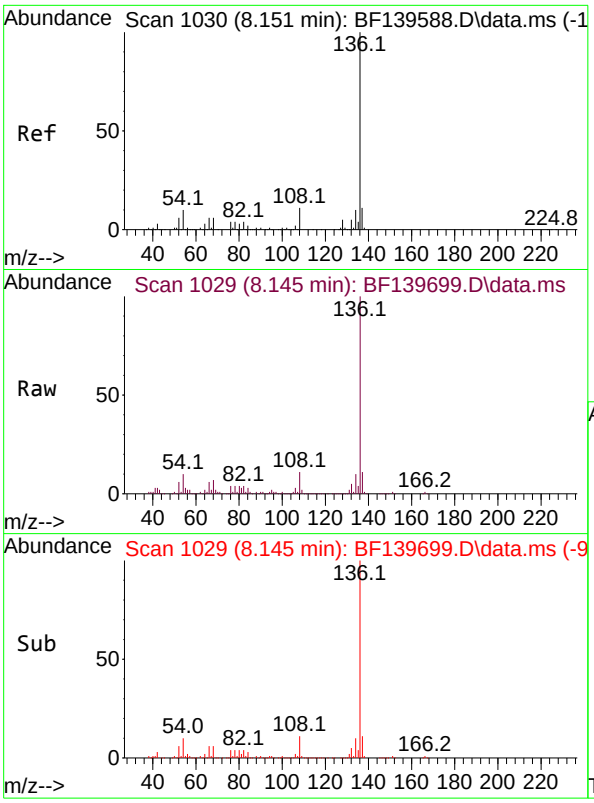


#19
n-Nitroso-di-n-propylamine
Concen: 7.189 ng
RT: 7.422 min Scan# 906
Delta R.T. 0.135 min
Lab File: BF139699.D
Acq: 07 Oct 2024 21:18

Tgt Ion: 70 Resp: 28650

Ion	Ratio	Lower	Upper
70	100		
42	56.9	58.0	87.0#
101	0.0	7.8	11.8#
130	2.1	15.9	23.9#



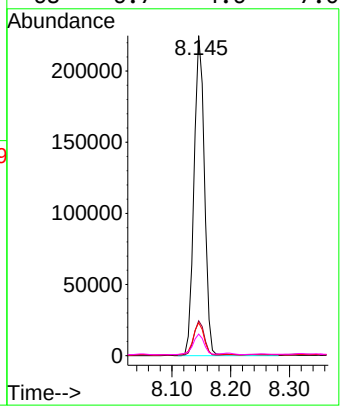


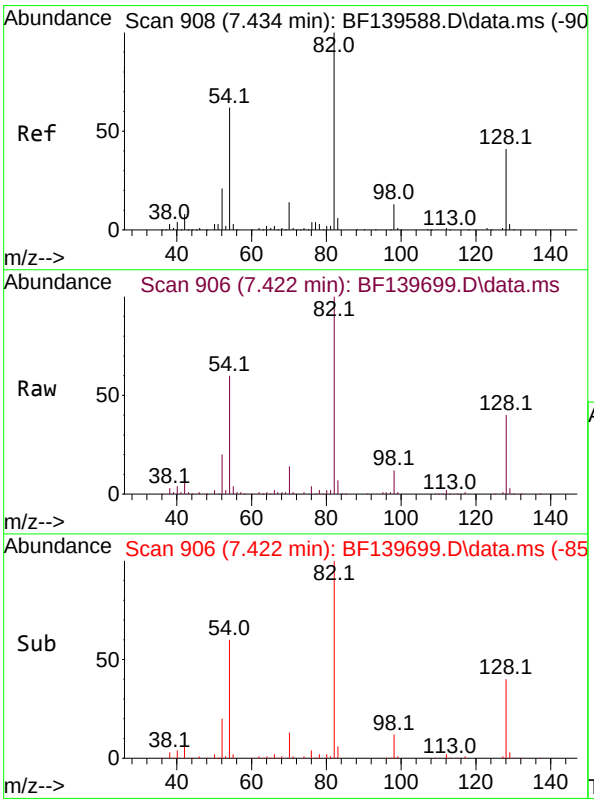
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.145 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF139699.D
Acq: 07 Oct 2024 21:18

Instrument :
BNA_F
ClientSampleId :
HR-03-100324

Tgt Ion:136 Resp: 278568

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	13.0
54	10.3	8.3	12.5
68	6.7	4.6	7.0

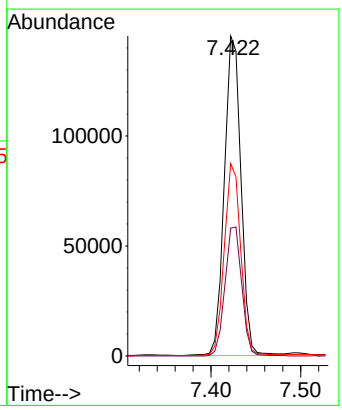


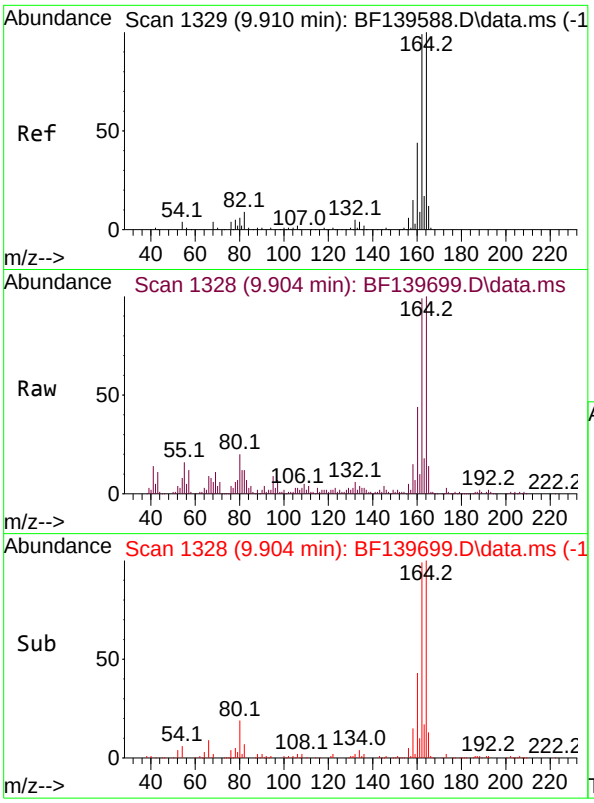


#23
Nitrobenzene-d5
Concen: 34.045 ng
RT: 7.422 min Scan# 906
Delta R.T. -0.012 min
Lab File: BF139699.D
Acq: 07 Oct 2024 21:18

Tgt Ion: 82 Resp: 187314

Ion	Ratio	Lower	Upper
82	100		
128	40.0	32.4	48.6
54	60.1	49.1	73.7



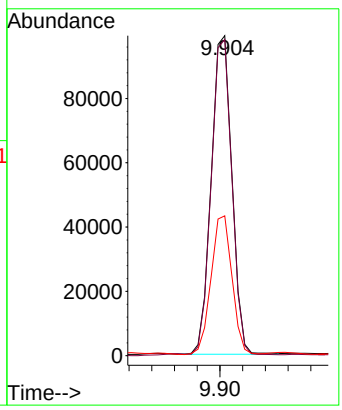


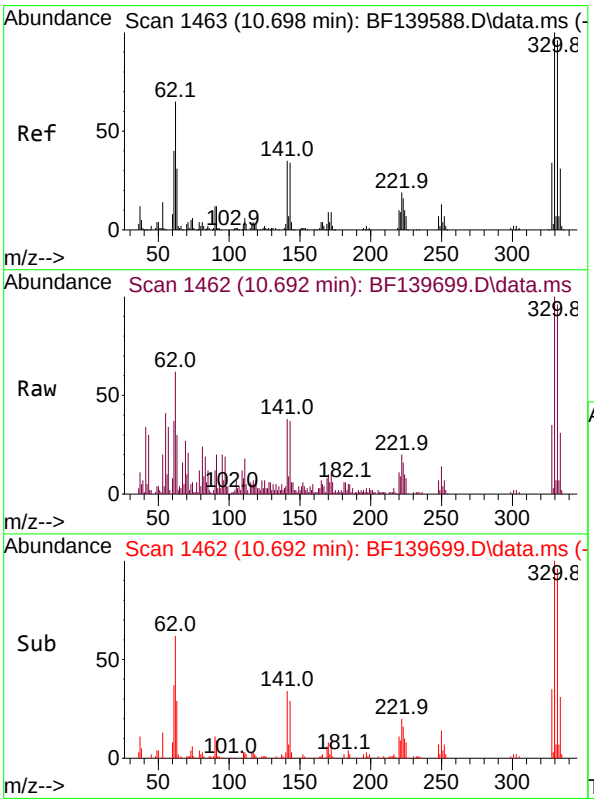
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.904 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF139699.D
Acq: 07 Oct 2024 21:18

Instrument :
BNA_F
ClientSampleId :
HR-03-100324

Tgt Ion:164 Resp: 125556

Ion	Ratio	Lower	Upper
164	100		
162	98.8	79.4	119.0
160	43.7	35.1	52.7

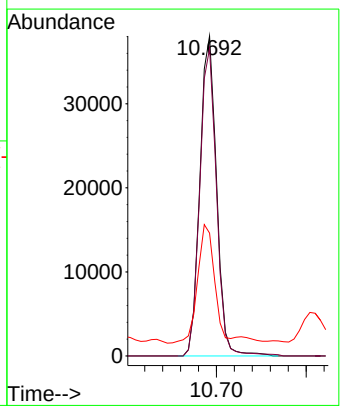


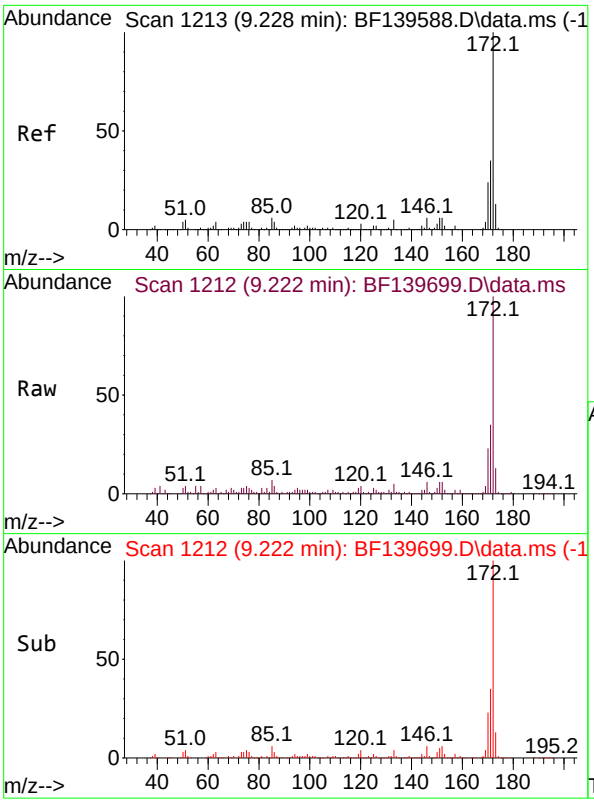


#42
2,4,6-Tribromophenol
Concen: 40.502 ng
RT: 10.692 min Scan# 1462
Delta R.T. -0.006 min
Lab File: BF139699.D
Acq: 07 Oct 2024 21:18

Tgt Ion:330 Resp: 49090

Ion	Ratio	Lower	Upper
330	100		
332	96.2	76.5	114.7
141	37.5	29.3	43.9



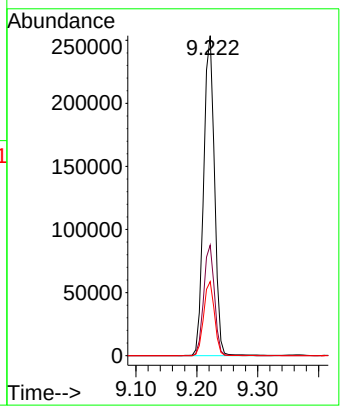


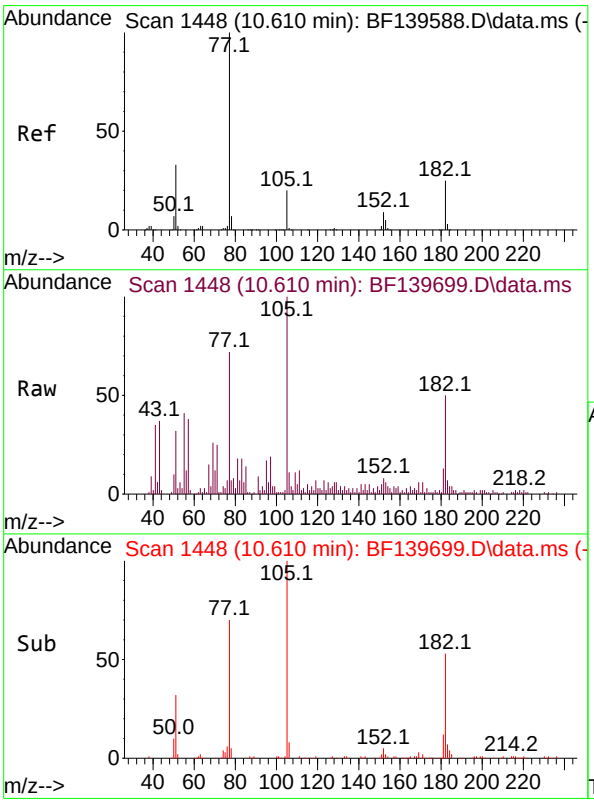
#45
2-Fluorobiphenyl
Concen: 38.352 ng
RT: 9.222 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF139699.D
Acq: 07 Oct 2024 21:18

Instrument :
BNA_F
ClientSampleId :
HR-03-100324

Tgt Ion:172 Resp: 313664

Ion	Ratio	Lower	Upper
172	100		
171	34.5	28.2	42.4
170	23.2	18.8	28.2

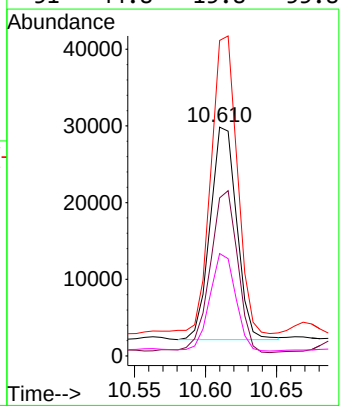


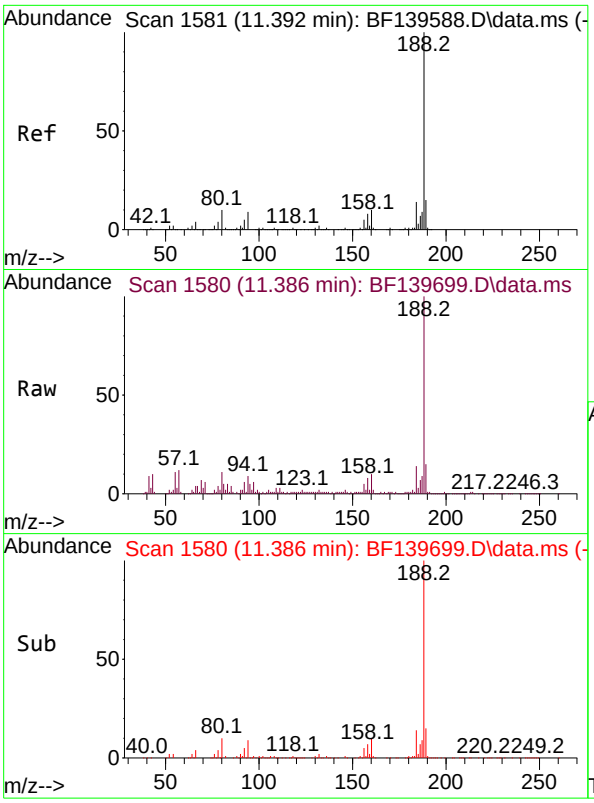


#63
Azobenzene
Concen: 4.212 ng
RT: 10.610 min Scan# 1448
Delta R.T. 0.000 min
Lab File: BF139699.D
Acq: 07 Oct 2024 21:18

Tgt Ion: 77 Resp: 35961

Ion	Ratio	Lower	Upper
77	100		
182	69.1	4.2	44.2#
105	137.9	0.0	39.6#
51	44.8	15.8	55.8



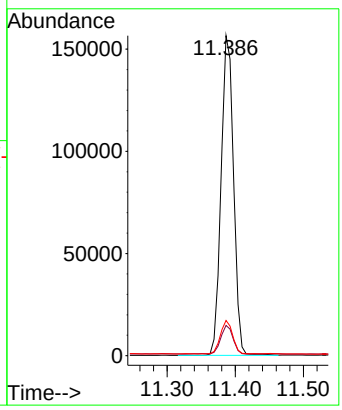


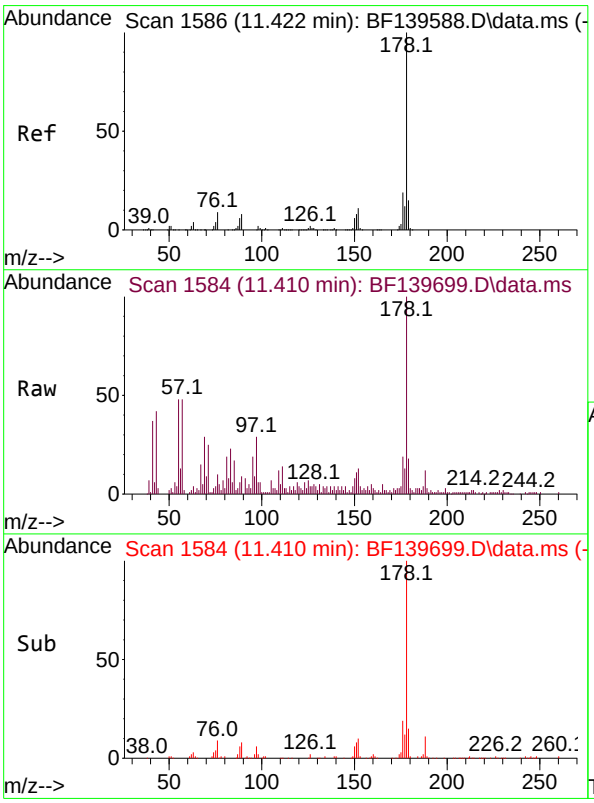
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.386 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF139699.D
Acq: 07 Oct 2024 21:18

Instrument :
BNA_F
ClientSampleId :
HR-03-100324

Tgt Ion:188 Resp: 199598

Ion	Ratio	Lower	Upper
188	100		
94	9.4	7.4	11.2
80	11.0	8.2	12.2

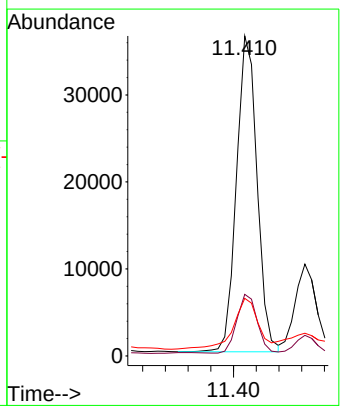


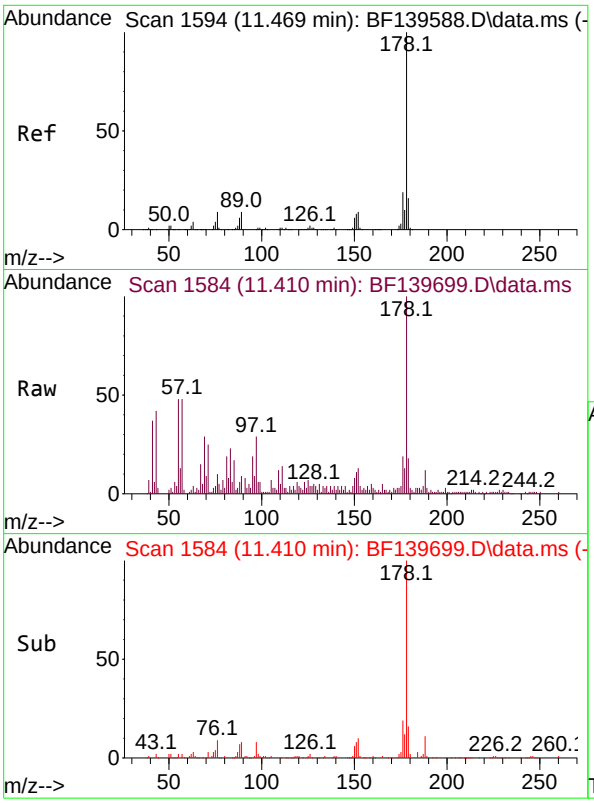


#71
Phenanthrene
Concen: 4.853 ng
RT: 11.410 min Scan# 1584
Delta R.T. -0.012 min
Lab File: BF139699.D
Acq: 07 Oct 2024 21:18

Tgt Ion:178 Resp: 45669

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.5	23.3
179	18.0	12.3	18.5



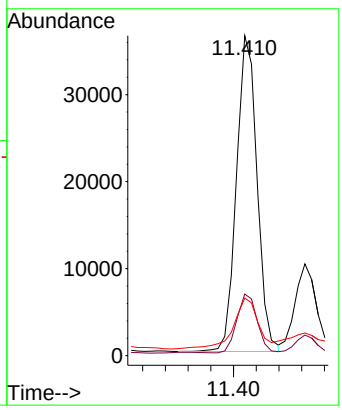


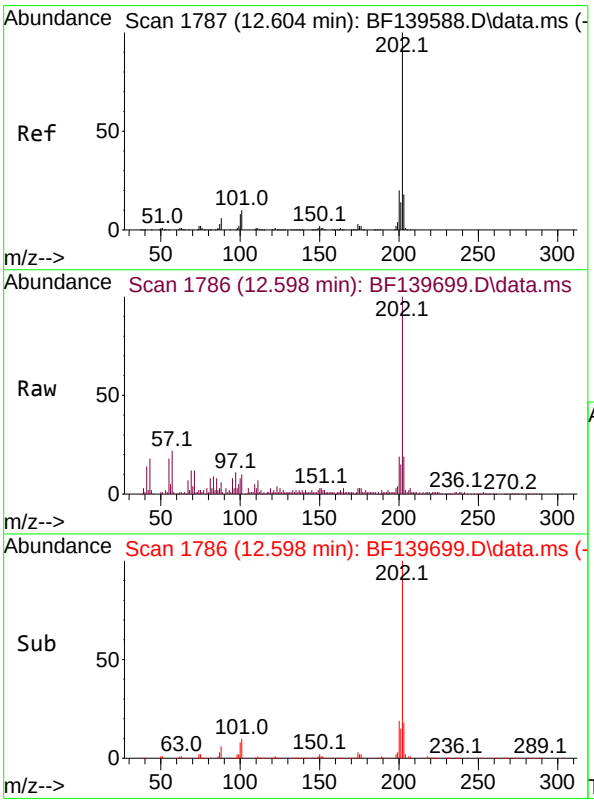
#72
Anthracene
Concen: 4.905 ng
RT: 11.410 min Scan# 1
Delta R.T. -0.059 min
Lab File: BF139699.D
Acq: 07 Oct 2024 21:18

Instrument :
BNA_F
ClientSampleId :
HR-03-100324

Tgt Ion:178 Resp: 45669

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.1	22.7
179	18.0	12.5	18.7

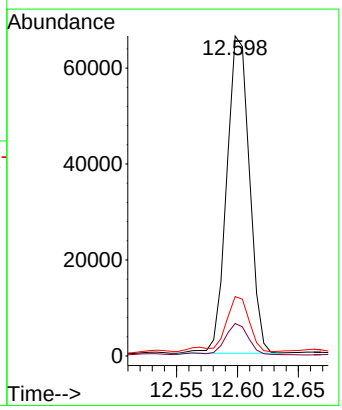


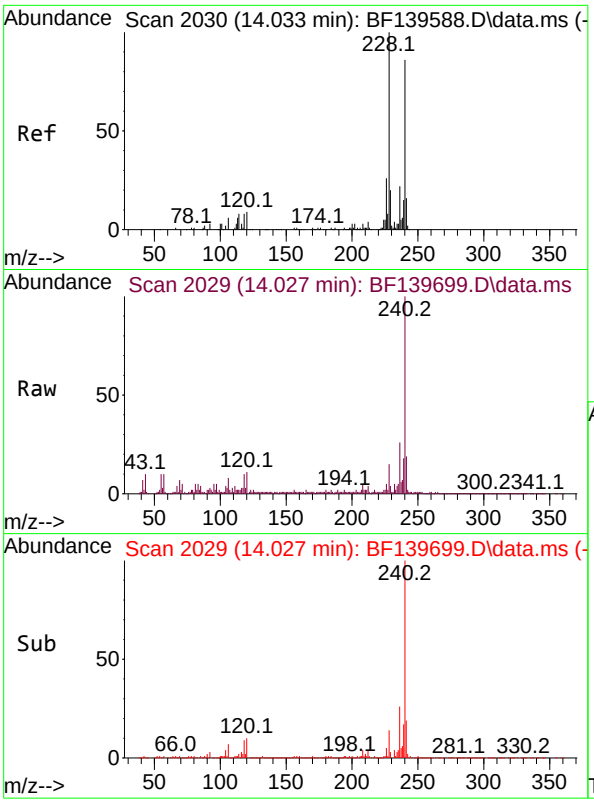


#75
Fluoranthene
Concen: 8.335 ng
RT: 12.598 min Scan# 1786
Delta R.T. -0.006 min
Lab File: BF139699.D
Acq: 07 Oct 2024 21:18

Tgt Ion:202 Resp: 85749

Ion	Ratio	Lower	Upper
202	100		
101	10.2	0.0	30.2
203	18.5	0.0	37.7



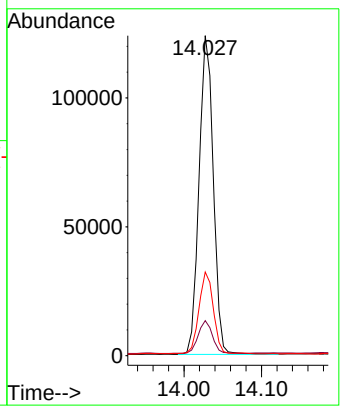


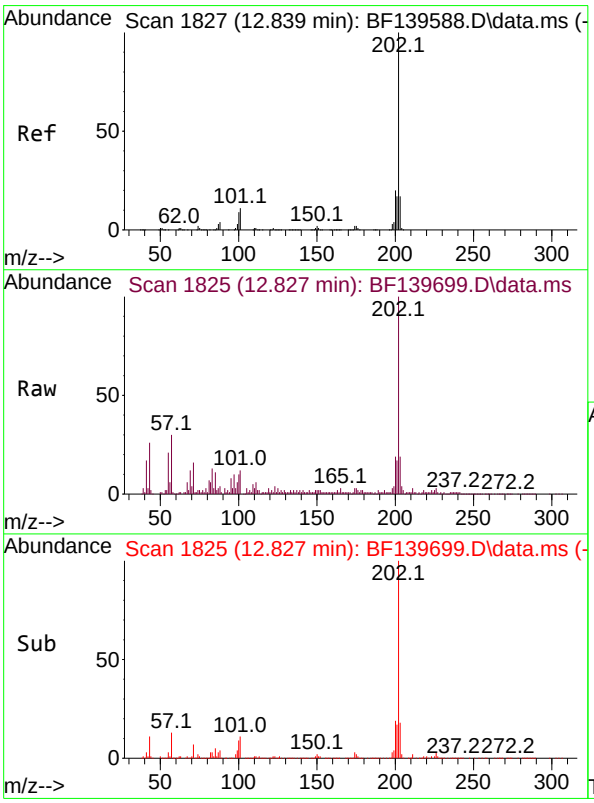
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.027 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF139699.D
Acq: 07 Oct 2024 21:18

Instrument :
BNA_F
ClientSampleId :
HR-03-100324

Tgt Ion:240 Resp: 157998

Ion	Ratio	Lower	Upper
240	100		
120	11.0	8.4	12.6
236	26.1	20.3	30.5

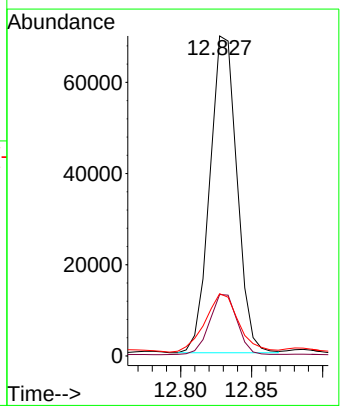


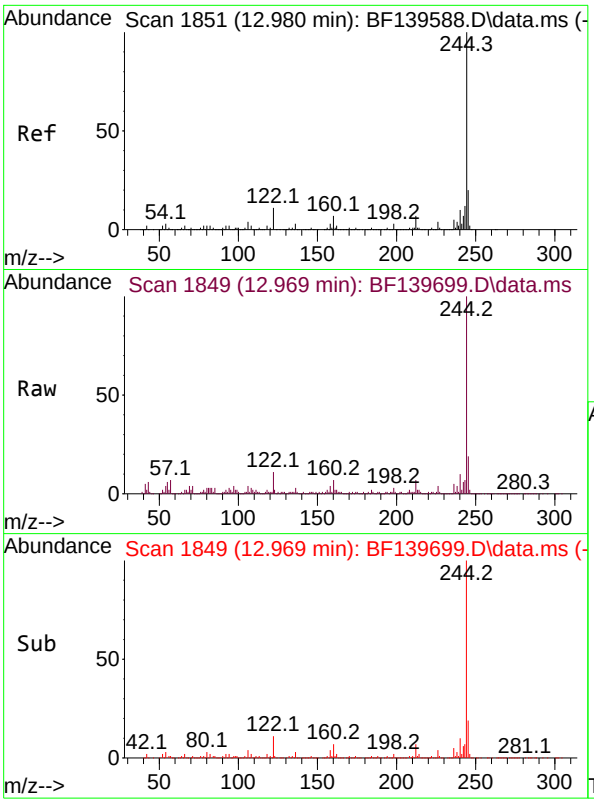


#78
Pyrene
Concen: 6.536 ng
RT: 12.827 min Scan# 1825
Delta R.T. -0.012 min
Lab File: BF139699.D
Acq: 07 Oct 2024 21:18

Tgt Ion:202 Resp: 92364

Ion	Ratio	Lower	Upper
202	100		
200	19.2	15.8	23.6
203	19.5	13.8	20.8



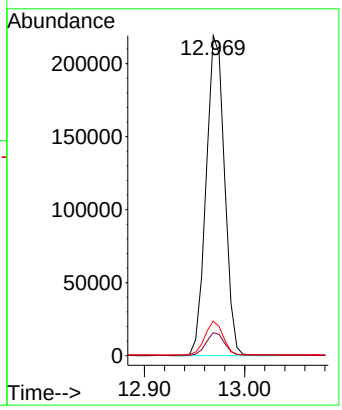


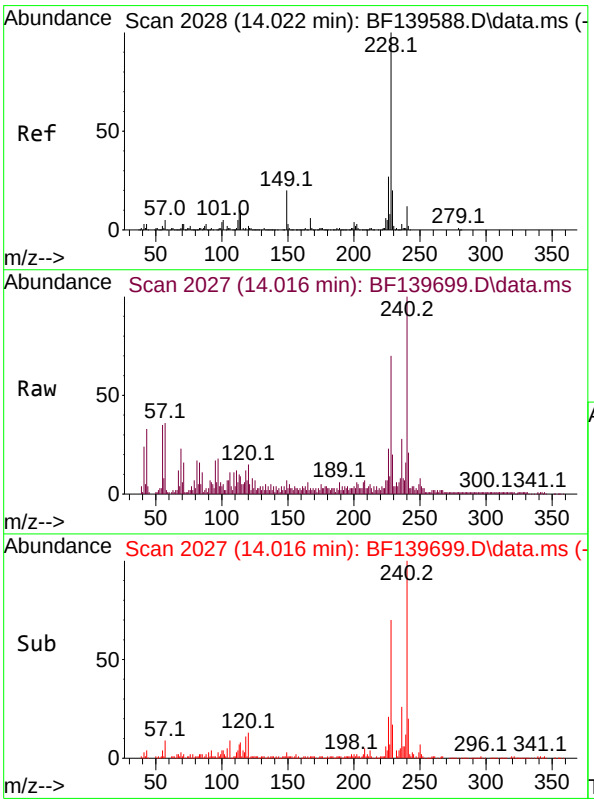
#79
Terphenyl-d14
Concen: 29.122 ng
RT: 12.969 min Scan# 1
Delta R.T. -0.011 min
Lab File: BF139699.D
Acq: 07 Oct 2024 21:18

Instrument :
BNA_F
ClientSampleId :
HR-03-100324

Tgt Ion:244 Resp: 280419

Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.8	8.6
122	10.8	8.6	12.8

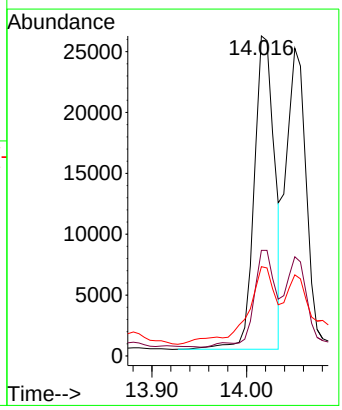


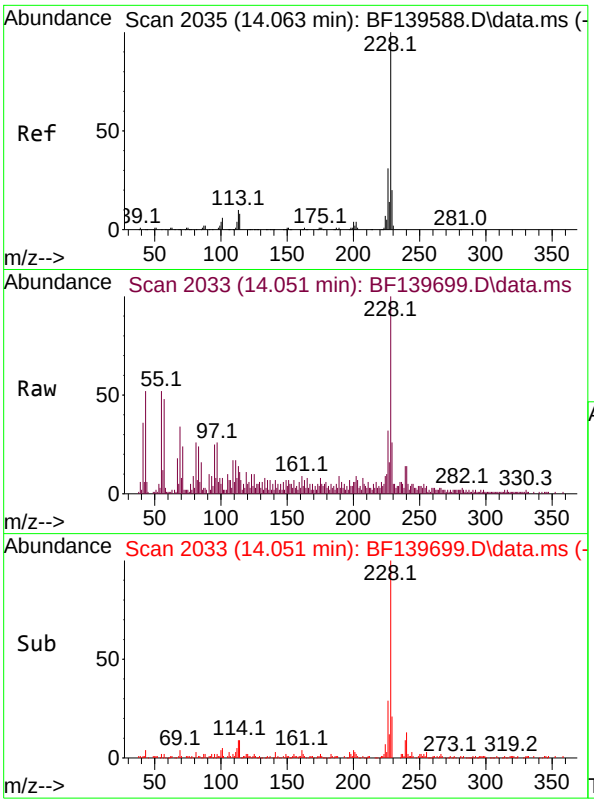


#81
Benzo(a)anthracene
Concen: 3.705 ng
RT: 14.016 min Scan# 2027
Delta R.T. -0.006 min
Lab File: BF139699.D
Acq: 07 Oct 2024 21:18

Tgt Ion:228 Resp: 38491

Ion	Ratio	Lower	Upper
228	100		
226	33.0	21.8	32.8#
229	27.9	15.8	23.8#



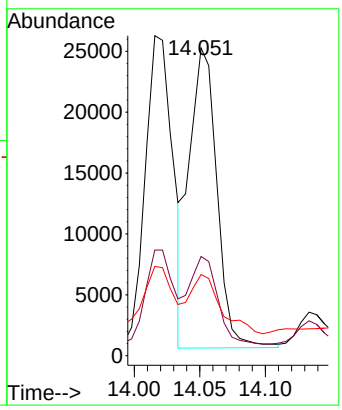


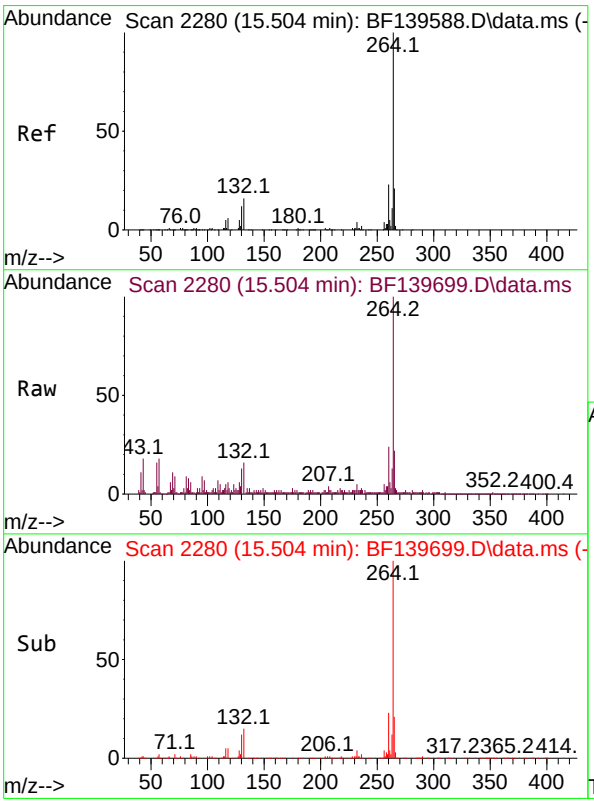
#83
Chrysene
Concen: 3.818 ng
RT: 14.051 min Scan# 2(
Delta R.T. -0.012 min
Lab File: BF139699.D
Acq: 07 Oct 2024 21:18

Instrument :
BNA_F
ClientSampleId :
HR-03-100324

Tgt Ion:228 Resp: 36256

Ion	Ratio	Lower	Upper
228	100		
226	32.2	24.3	36.5
229	26.4	15.7	23.5#

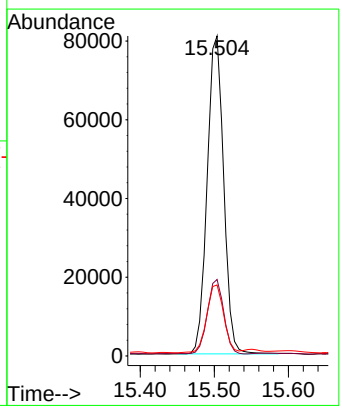


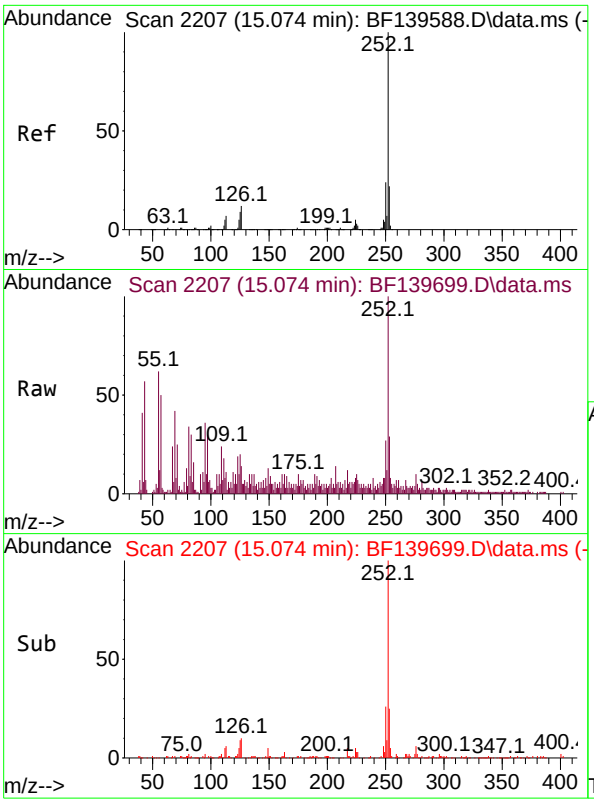


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.504 min Scan# 2280
Delta R.T. 0.000 min
Lab File: BF139699.D
Acq: 07 Oct 2024 21:18

Tgt Ion:264 Resp: 124832

Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.7	28.1
265	22.2	16.9	25.3



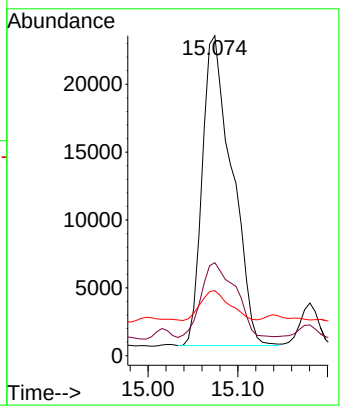


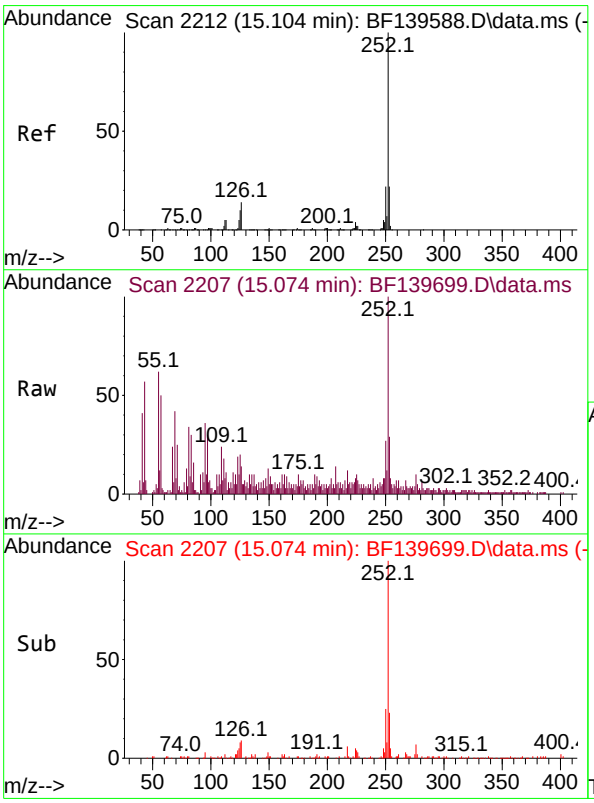
#88
Benzo(b)fluoranthene
Concen: 6.507 ng
RT: 15.074 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF139699.D
Acq: 07 Oct 2024 21:18

Instrument :
BNA_F
ClientSampleId :
HR-03-100324

Tgt Ion:252 Resp: 52524

Ion	Ratio	Lower	Upper
252	100		
253	29.0	17.4	26.0#
125	20.3	7.4	11.0#

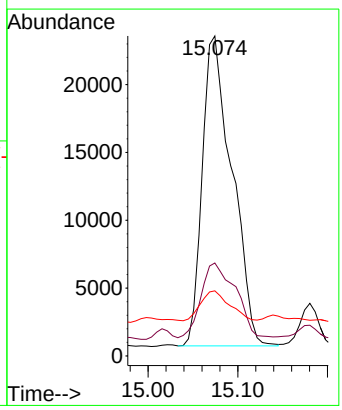


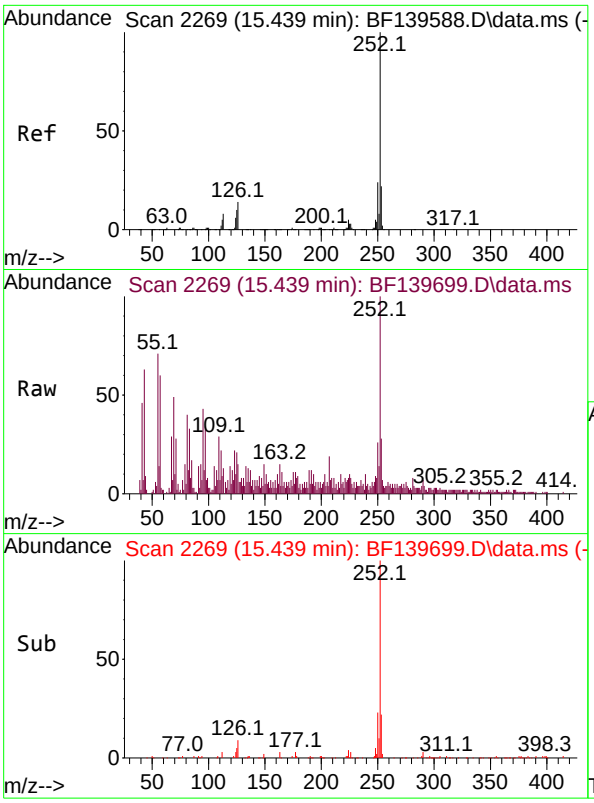


#89
Benzo(k)fluoranthene
Concen: 7.671 ng
RT: 15.074 min Scan# 2207
Delta R.T. -0.029 min
Lab File: BF139699.D
Acq: 07 Oct 2024 21:18

Tgt Ion:252 Resp: 52524

Ion	Ratio	Lower	Upper
252	100		
253	29.0	17.5	26.3#
125	20.3	7.6	11.4#



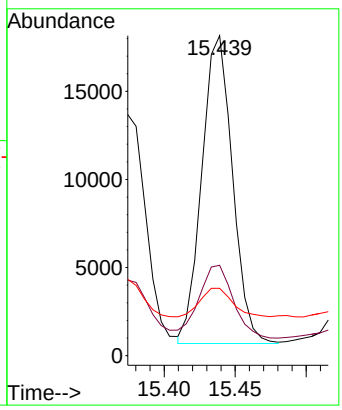


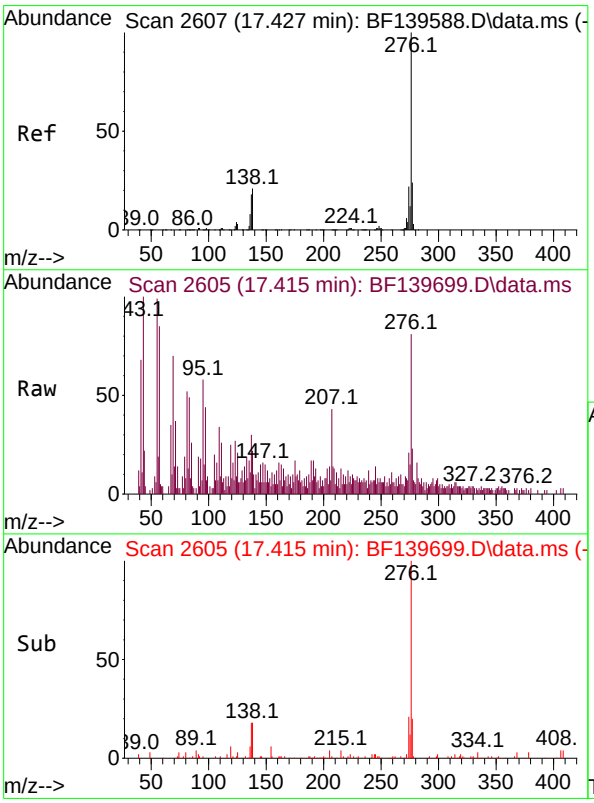
#90
Benzo(a)pyrene
Concen: 4.126 ng
RT: 15.439 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF139699.D
Acq: 07 Oct 2024 21:18

Instrument :
BNA_F
ClientSampleId :
HR-03-100324

Tgt Ion:252 Resp: 26262

Ion	Ratio	Lower	Upper
252	100		
253	28.2	17.3	25.9#
125	21.1	8.3	12.5#





#92
Benzo(g,h,i)perylene
Concen: 2.108 ng
RT: 17.415 min Scan# 2605
Delta R.T. -0.012 min
Lab File: BF139699.D
Acq: 07 Oct 2024 21:18

Tgt Ion:276 Resp: 12882

Ion	Ratio	Lower	Upper
276	100		
277	27.7	19.0	28.6
138	27.5	17.0	25.6#