Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021023\
Data File : BF132394.D
Acq On : 10 Feb 2023 18:48
Operator : CG\JU
Sample : 01481-08
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
JPP-42-020723

Quant Time: Feb 11 00:17:51 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF013123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Feb 11 00:16:13 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.037	152	176094	20.000	ng	0.00
21) Naphthalene-d8	8.325	136	661376	20.000	ng	# 0.00
39) Acenaphthene-d10	10.089	164	240011	20.000	ng	0.00
64) Phenanthrene-d10	11.583	188	573219	20.000	ng	0.00
76) Chrysene-d12	14.242	240	230219	20.000	ng	0.00
86) Perylene-d12	15.807	264	8738	20.000	ng	#-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.678	112	1150502	105.019	ng	0.02
7) Phenol-d6	6.660	99	1203776	89.127	ng	0.00
23) Nitrobenzene-d5	7.601	82	955620	80.405	ng	0.00
42) 2,4,6-Tribromophenol	10.883	330	600464	243.282	ng	0.00
45) 2-Fluorobiphenyl	9.401	172	1797072	115.625	ng	0.00
79) Terphenyl-d14	13.183	244	2076538	174.480	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.596	77	201	Below Cal	#	6
25) Isophorone	7.601	82	953268	42.258	ng	# 64
50) Dimethylphthalate	9.789	163	36933	2.200	ng	98
51) 2,6-Dinitrotoluene	10.089	165	31125	8.301	ng	# 26
57) 2,4-Dinitrotoluene	10.089	165	31125	6.390	ng	# 24
67) 4-Bromophenyl-phenylether	10.883	248	33975	5.788	ng	# 1
77) Benzidine	13.177	184	33851	4.206	ng	97
88) Benzo(b)fluoranthene	15.336	252	2645	4.762	ng	# 87
89) Benzo(k)fluoranthene	15.360	252	1440	2.716	ng	# 87
90) Benzo(a)pyrene	15.736	252	2113	4.085	ng	# 73
92) Benzo(g,h,i)perylene	17.907	276	1978	4.102	ng	# 92

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021023\
Data File : BF132394.D
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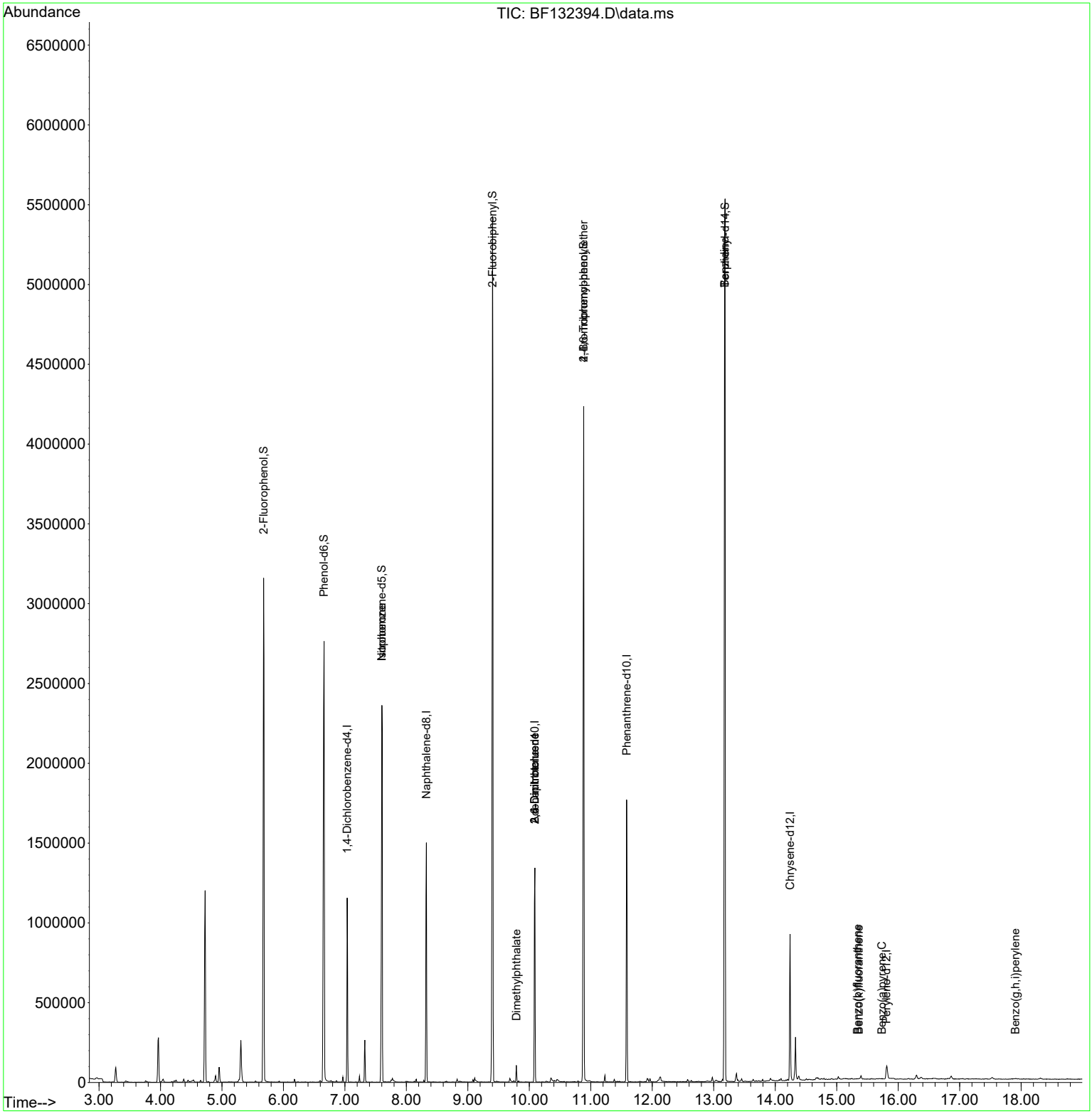
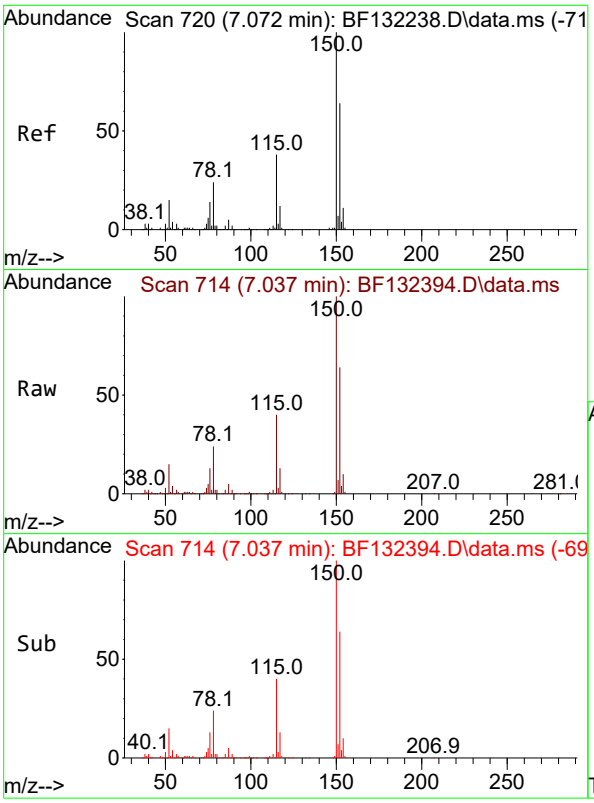
Sample : 01481-08
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
JPP-42-020723

Quant Time: Feb 11 00:17:51 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF013123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Feb 11 00:16:13 2023
Response via : Initial Calibration



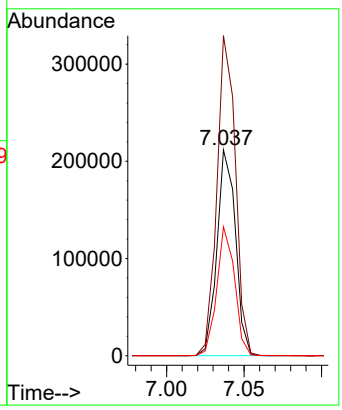


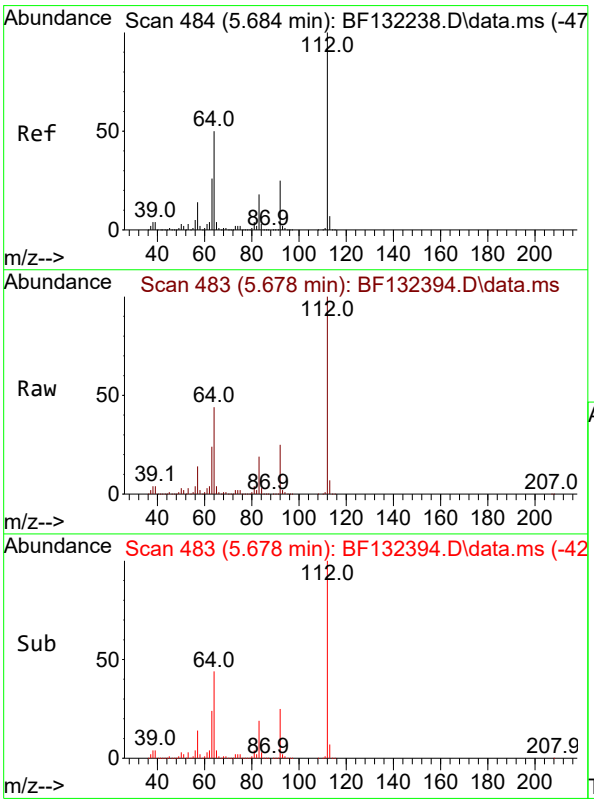
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.037 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF132394.D
Acq: 10 Feb 2023 18:48

Instrument :
BNA_F
ClientSampleId :
JPP-42-020723

Tgt Ion:152 Resp: 176094

Ion	Ratio	Lower	Upper
152	100		
150	155.5	124.2	186.2
115	62.6	47.3	70.9

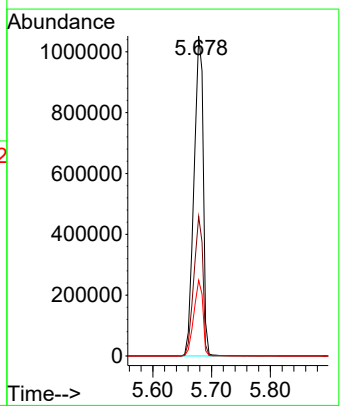


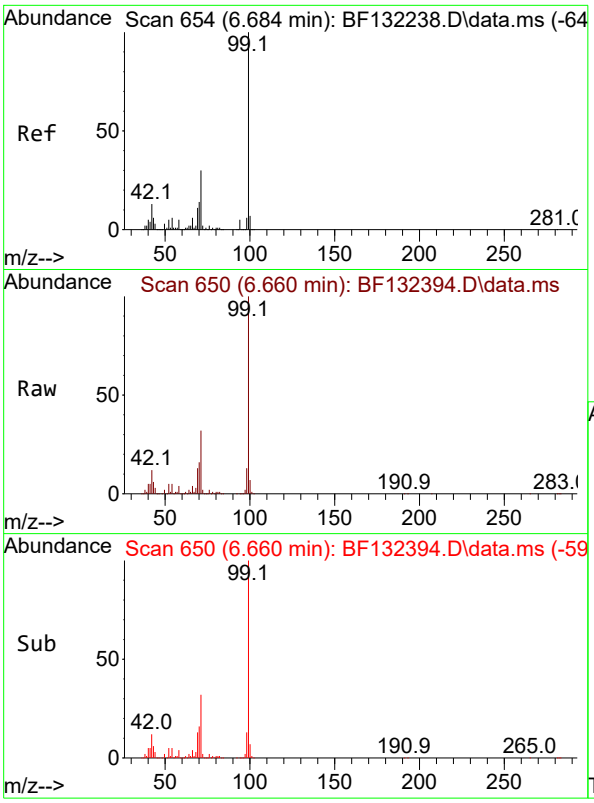


#5
2-Fluorophenol
Concen: 105.019 ng
RT: 5.678 min Scan# 483
Delta R.T. 0.024 min
Lab File: BF132394.D
Acq: 10 Feb 2023 18:48

Tgt Ion:112 Resp: 1150502

Ion	Ratio	Lower	Upper
112	100		
64	43.6	40.0	60.0
63	23.7	20.5	30.7



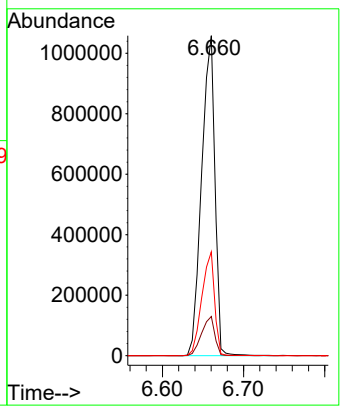


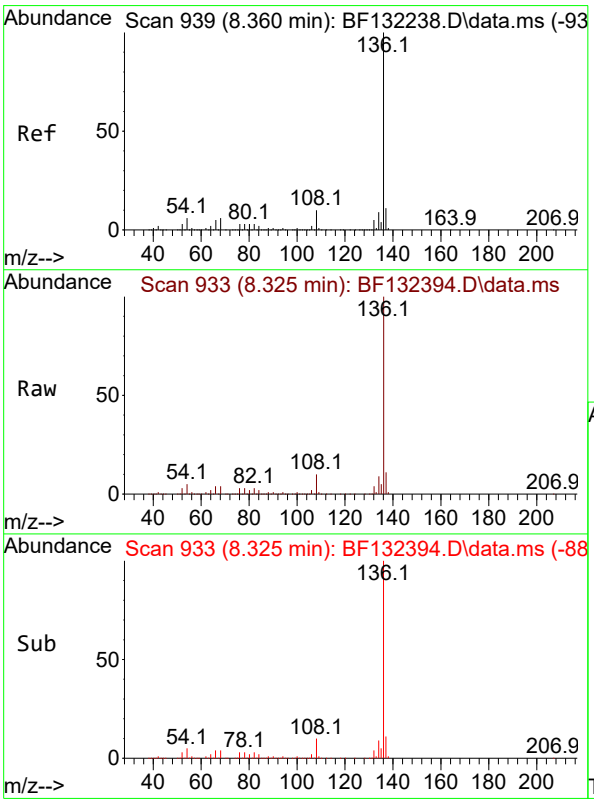
#7
Phenol-d6
Concen: 89.127 ng
RT: 6.660 min Scan# 6
Delta R.T. 0.000 min
Lab File: BF132394.D
Acq: 10 Feb 2023 18:48

Instrument :
BNA_F
ClientSampleId :
JPP-42-020723

Tgt Ion: 99 Resp: 1203776

Ion	Ratio	Lower	Upper
99	100		
42	12.3	10.1	15.1
71	32.5	24.2	36.4

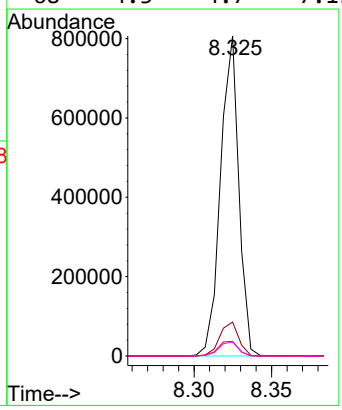


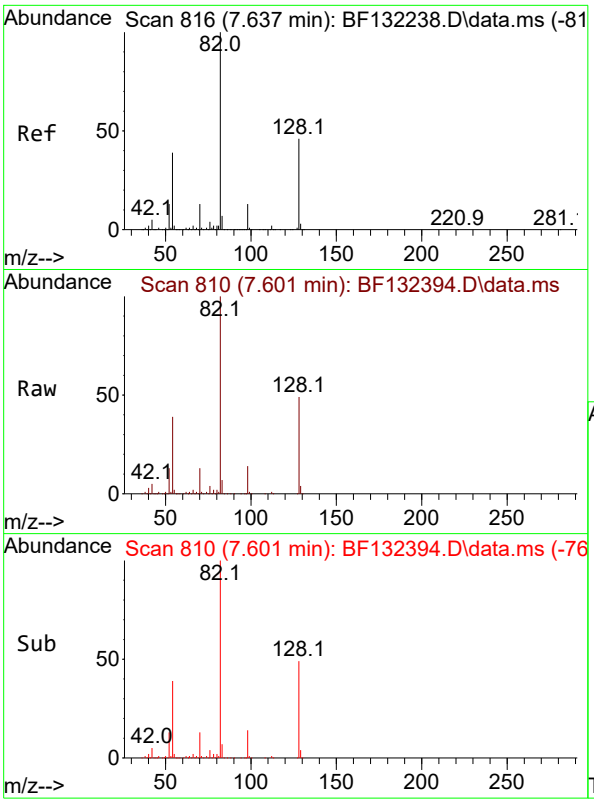


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.325 min Scan# 933
Delta R.T. 0.000 min
Lab File: BF132394.D
Acq: 10 Feb 2023 18:48

Tgt Ion:136 Resp: 661376

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.8	13.2
54	4.6	4.9	7.3#
68	4.3	4.7	7.1#



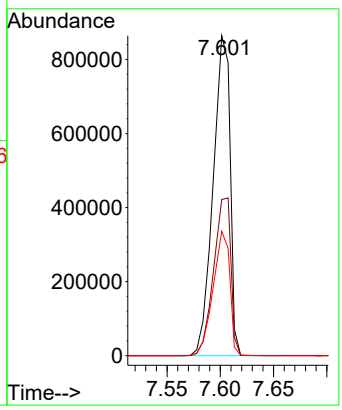


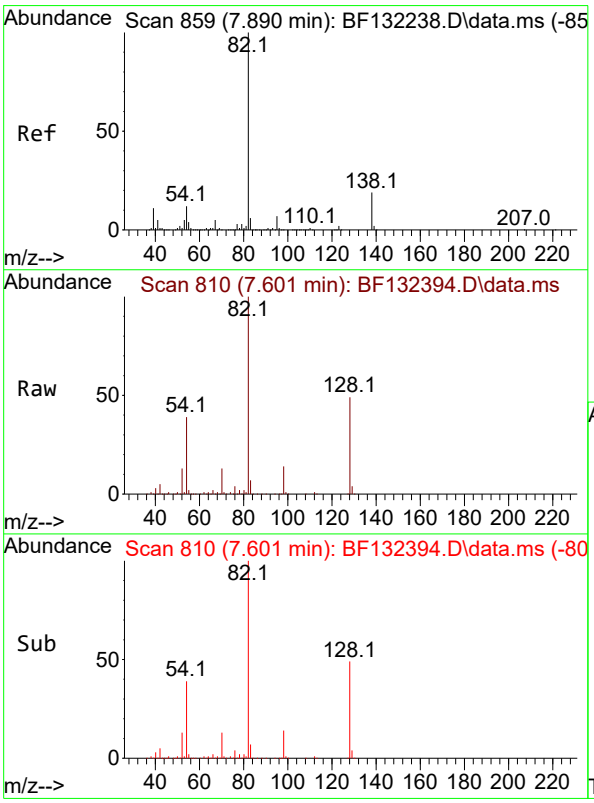
#23
Nitrobenzene-d5
Concen: 80.405 ng
RT: 7.601 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF132394.D
Acq: 10 Feb 2023 18:48

Instrument :
BNA_F
ClientSampleId :
JPP-42-020723

Tgt Ion: 82 Resp: 955620

Ion	Ratio	Lower	Upper
82	100		
128	48.8	37.0	55.4
54	38.8	31.5	47.3

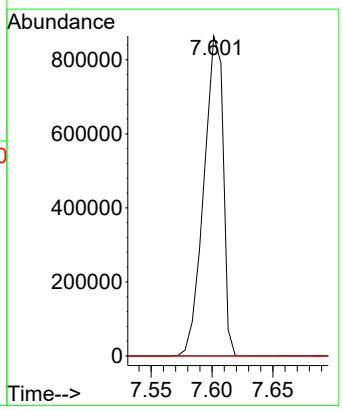


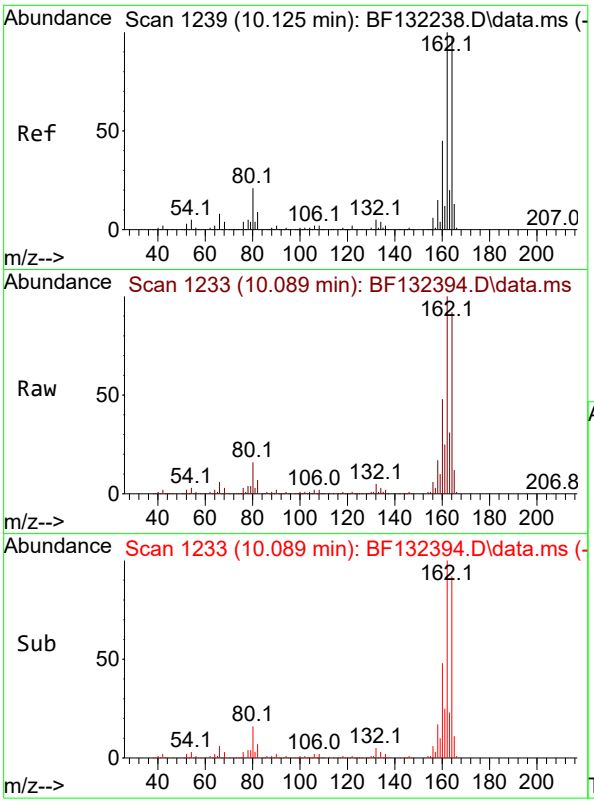


#25
Isophorone
Concen: 42.258 ng
RT: 7.601 min Scan# 810
Delta R.T. -0.259 min
Lab File: BF132394.D
Acq: 10 Feb 2023 18:48

Tgt Ion: 82 Resp: 953268

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.6	8.4#
138	0.0	15.0	22.6#



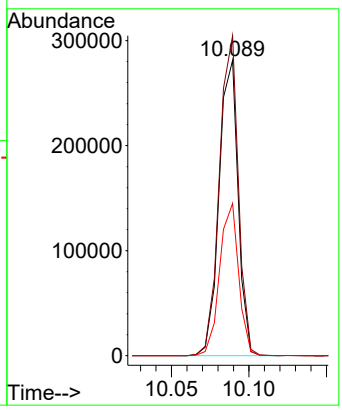


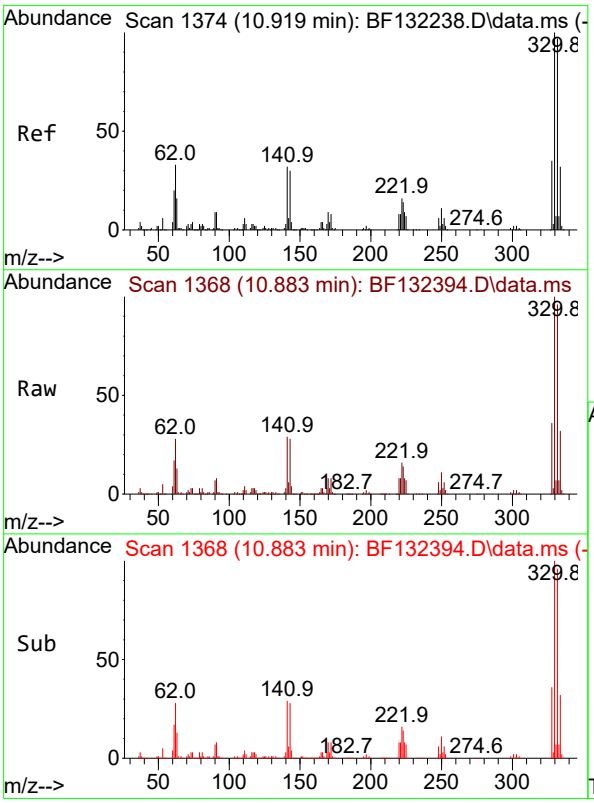
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.089 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF132394.D
Acq: 10 Feb 2023 18:48

Instrument :
BNA_F
ClientSampleId :
JPP-42-020723

Tgt Ion:164 Resp: 240011

Ion	Ratio	Lower	Upper
164	100		
162	108.4	82.0	123.0
160	51.6	37.1	55.7

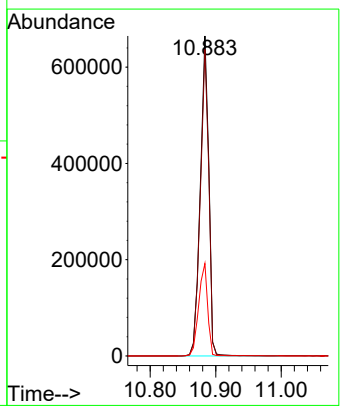


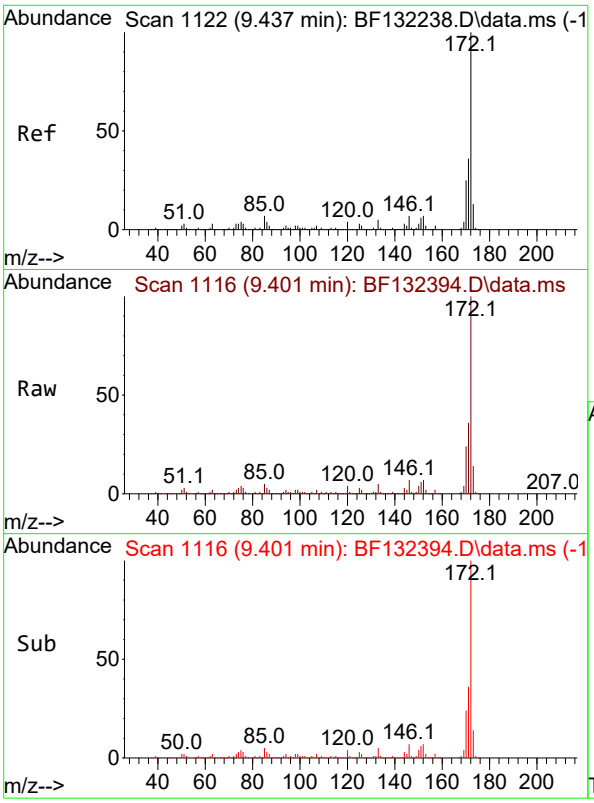


#42
2,4,6-Tribromophenol
Concen: 243.282 ng
RT: 10.883 min Scan# 1368
Delta R.T. 0.000 min
Lab File: BF132394.D
Acq: 10 Feb 2023 18:48

Tgt Ion:330 Resp: 600464

Ion	Ratio	Lower	Upper
330	100		
332	95.8	77.9	116.9
141	30.6	31.0	46.4#



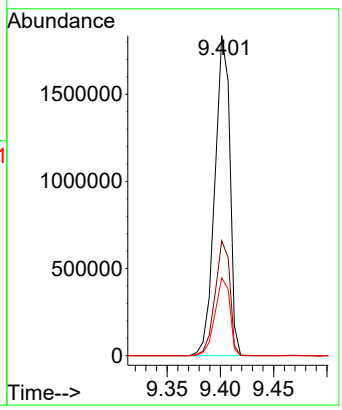


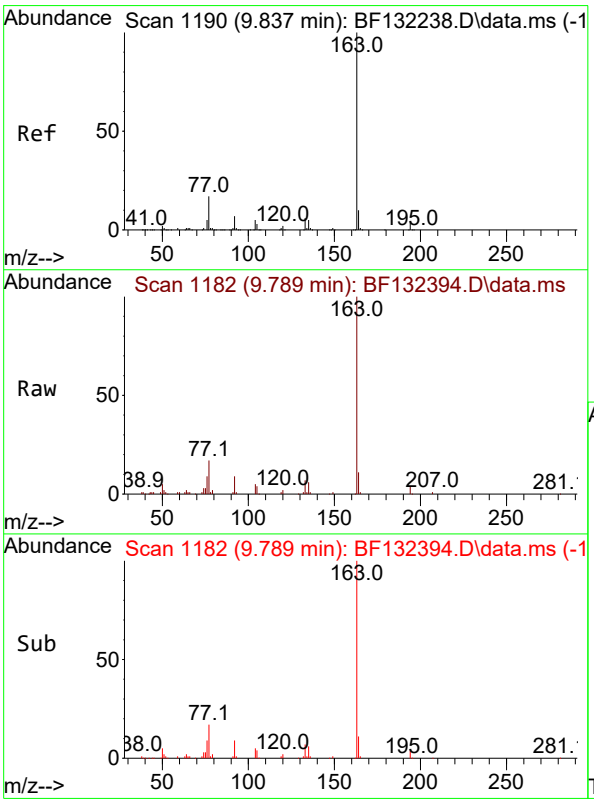
#45
2-Fluorobiphenyl
Concen: 115.625 ng
RT: 9.401 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF132394.D
Acq: 10 Feb 2023 18:48

Instrument :
BNA_F
ClientSampleId :
JPP-42-020723

Tgt Ion:172 Resp: 1797072

Ion	Ratio	Lower	Upper
172	100		
171	35.9	28.6	43.0
170	24.3	19.7	29.5

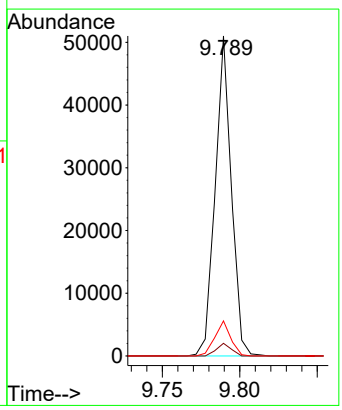


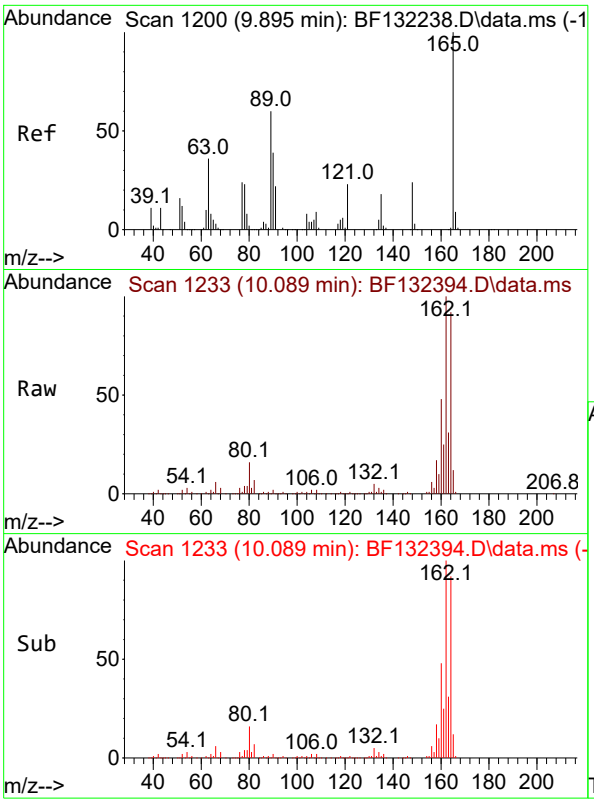


#50
Dimethylphthalate
Concen: 2.200 ng
RT: 9.789 min Scan# 1182
Delta R.T. -0.018 min
Lab File: BF132394.D
Acq: 10 Feb 2023 18:48

Tgt Ion:163 Resp: 36933

Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.0	4.4
164	10.9	7.9	11.9



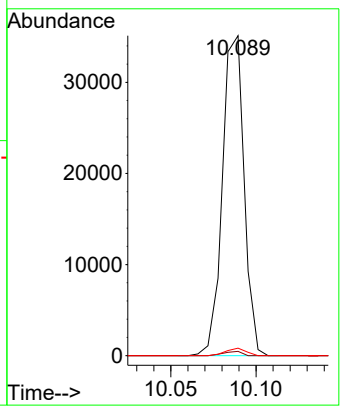


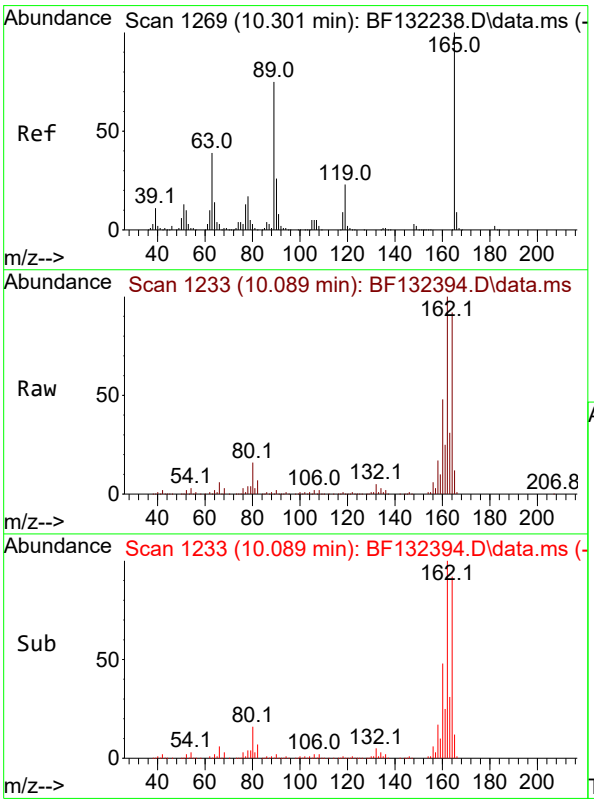
#51
2,6-Dinitrotoluene
Concen: 8.301 ng
RT: 10.089 min Scan# 1
Delta R.T. 0.218 min
Lab File: BF132394.D
Acq: 10 Feb 2023 18:48

Instrument :
BNA_F
ClientSampleId :
JPP-42-020723

Tgt Ion:165 Resp: 31125

Ion	Ratio	Lower	Upper
165	100		
63	1.3	41.5	62.3#
89	2.3	48.1	72.1#

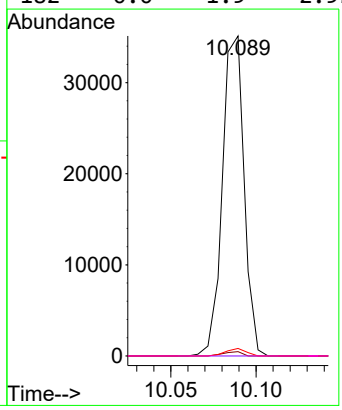


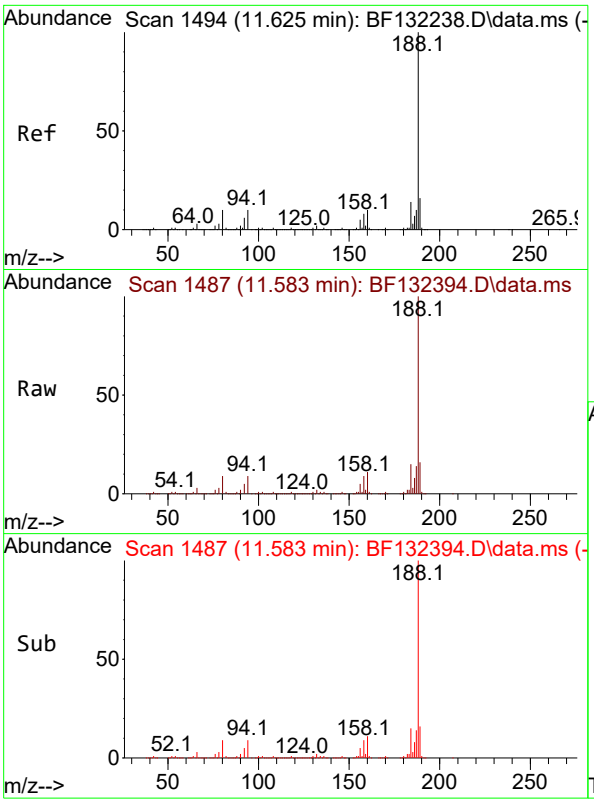


#57
2,4-Dinitrotoluene
Concen: 6.390 ng
RT: 10.089 min Scan# 1233
Delta R.T. -0.182 min
Lab File: BF132394.D
Acq: 10 Feb 2023 18:48

Tgt Ion:165 Resp: 31125

Ion	Ratio	Lower	Upper
165	100		
63	1.3	30.9	46.3#
89	2.3	60.1	90.1#
182	0.0	1.9	2.9#



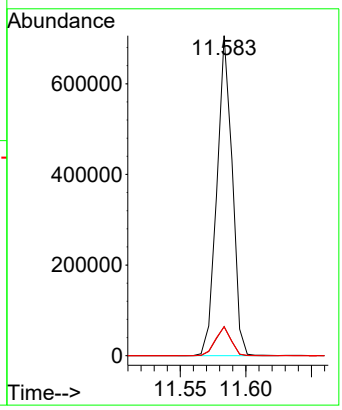


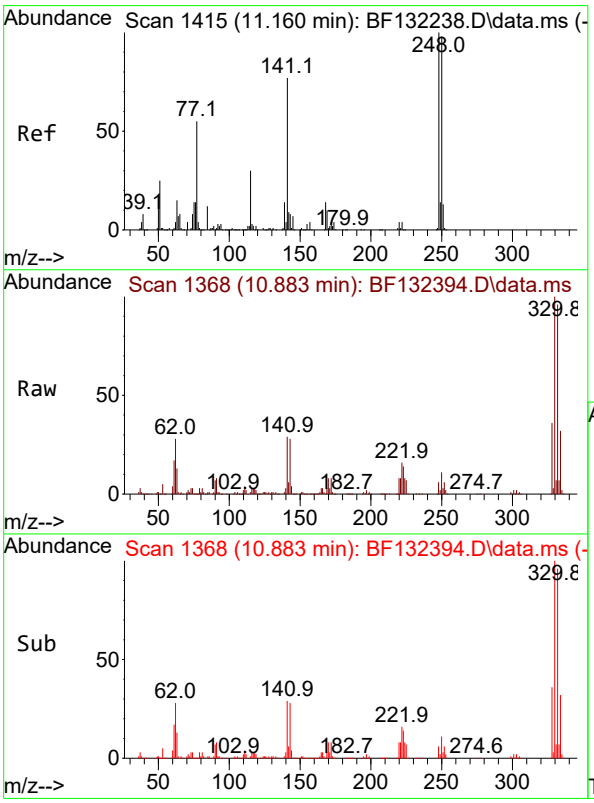
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.583 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF132394.D
Acq: 10 Feb 2023 18:48

Instrument :
BNA_F
ClientSampleId :
JPP-42-020723

Tgt Ion:188 Resp: 573219

Ion	Ratio	Lower	Upper
188	100		
94	9.1	8.2	12.2
80	9.0	8.3	12.5

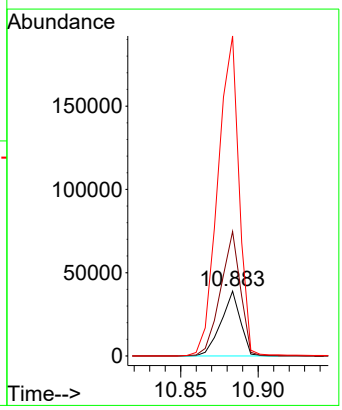


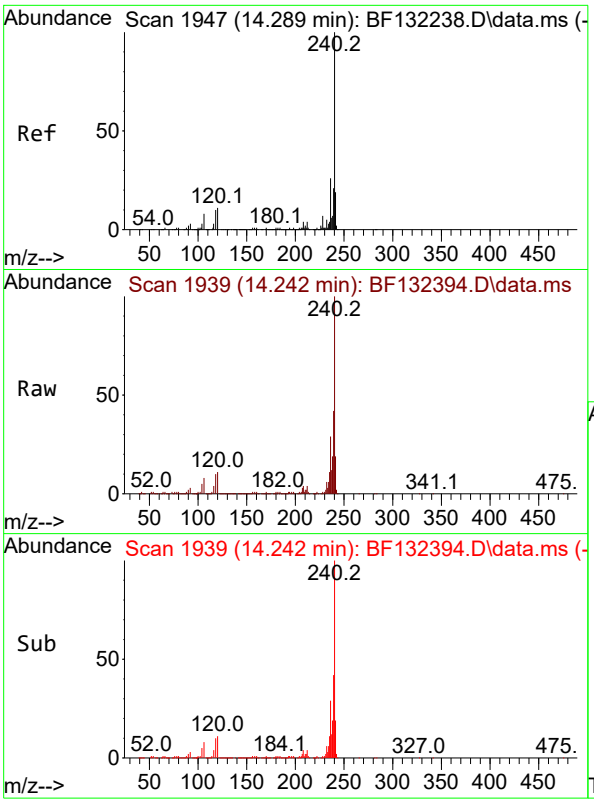


#67
4-Bromophenyl-phenylether
Concen: 5.788 ng
RT: 10.883 min Scan# 1368
Delta R.T. -0.241 min
Lab File: BF132394.D
Acq: 10 Feb 2023 18:48

Tgt Ion:248 Resp: 33975

Ion	Ratio	Lower	Upper
248	100		
250	192.1	78.6	117.8#
141	493.5	61.6	92.4#



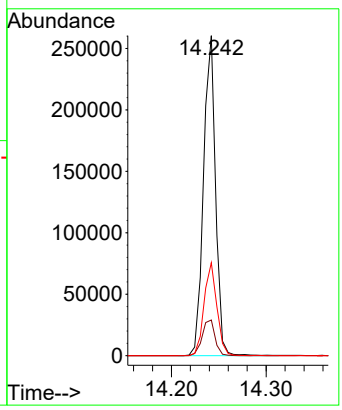


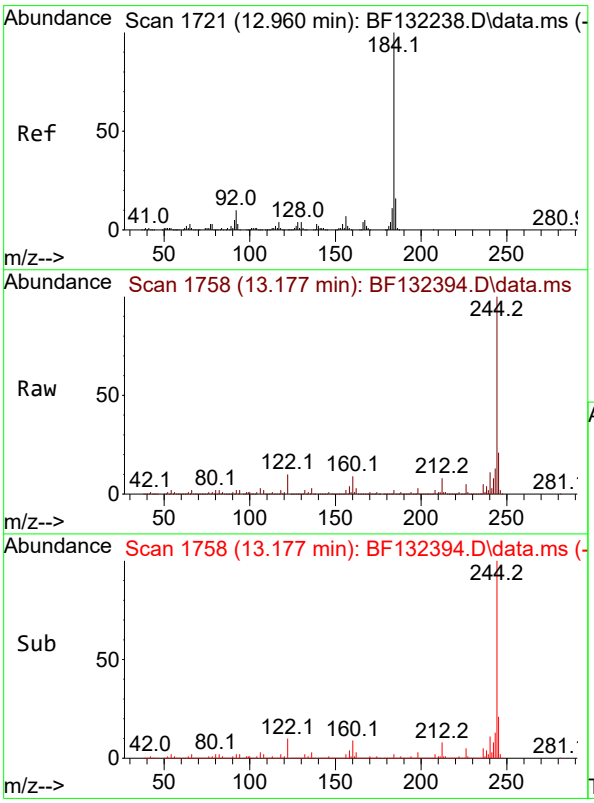
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.242 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF132394.D
Acq: 10 Feb 2023 18:48

Instrument :
BNA_F
ClientSampleId :
JPP-42-020723

Tgt Ion:240 Resp: 230219

Ion	Ratio	Lower	Upper
240	100		
120	11.2	8.8	13.2
236	29.1	21.0	31.6

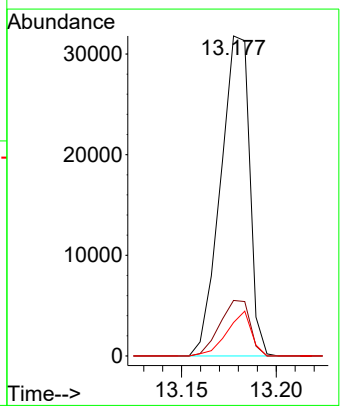


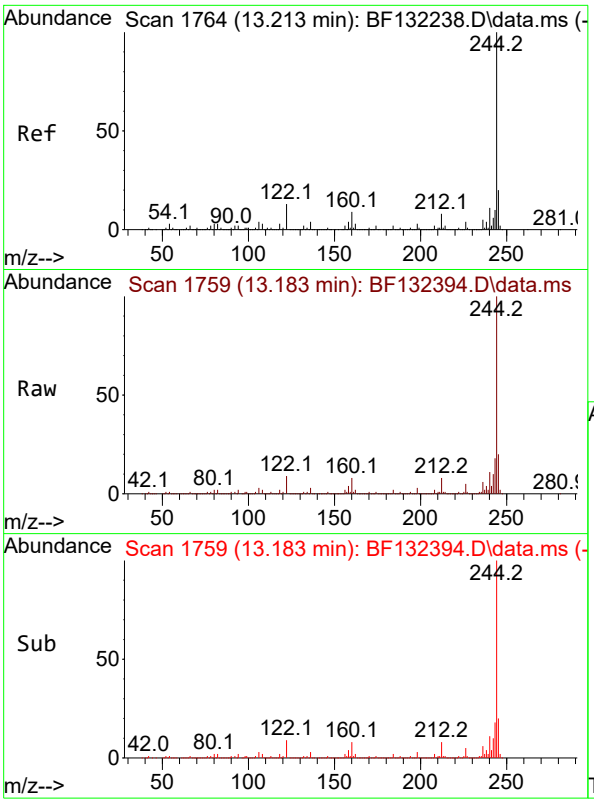


#77
Benzidine
Concen: 4.206 ng
RT: 13.177 min Scan# 1758
Delta R.T. 0.247 min
Lab File: BF132394.D
Acq: 10 Feb 2023 18:48

Tgt Ion:184 Resp: 33851

Ion	Ratio	Lower	Upper
184	100		
185	17.4	12.6	18.8
183	10.5	8.9	13.3



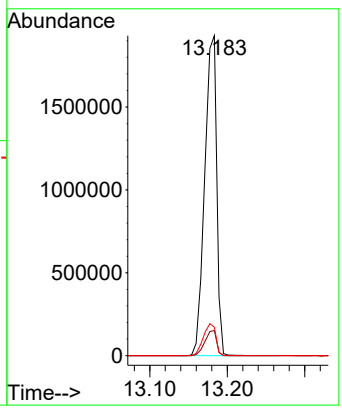


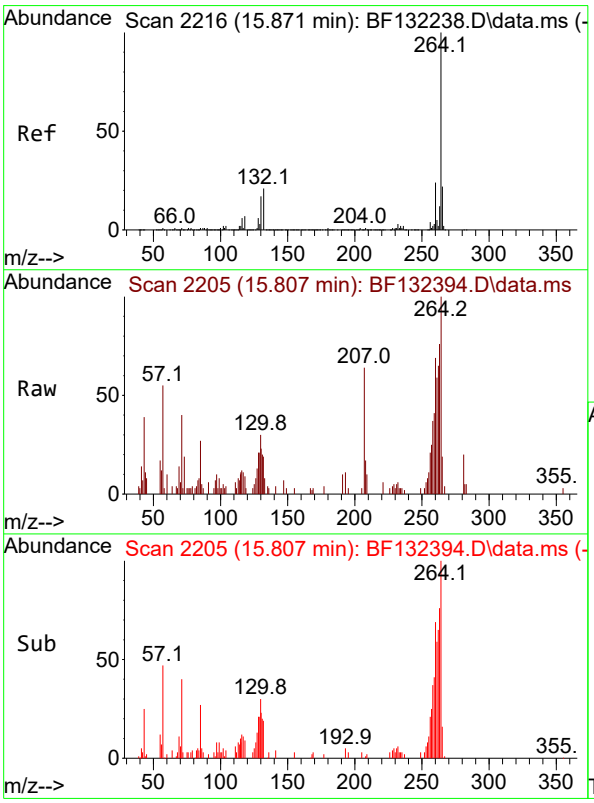
#79
Terphenyl-d14
Concen: 174.480 ng
RT: 13.183 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF132394.D
Acq: 10 Feb 2023 18:48

Instrument :
BNA_F
ClientSampleId :
JPP-42-020723

Tgt Ion:244 Resp: 2076538

Ion	Ratio	Lower	Upper
244	100		
212	7.9	6.4	9.6
122	8.9	10.5	15.7#

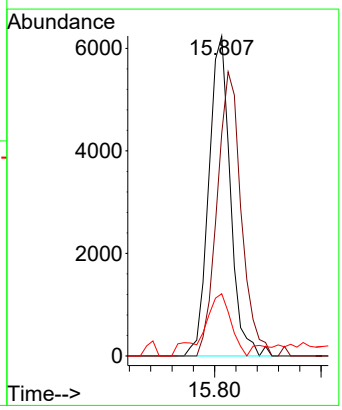


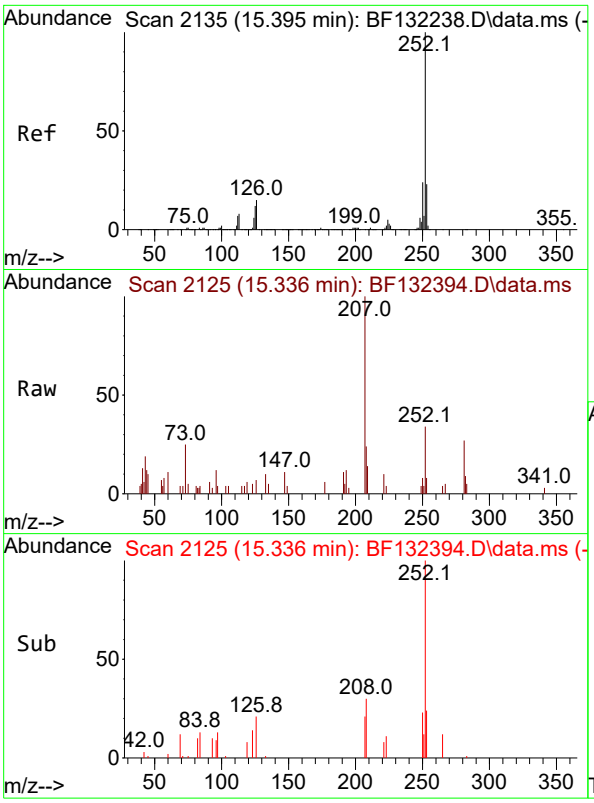


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.807 min Scan# 2205
Delta R.T. -0.012 min
Lab File: BF132394.D
Acq: 10 Feb 2023 18:48

Tgt Ion:264 Resp: 8738

Ion	Ratio	Lower	Upper
264	100		
260	69.5	19.0	28.4#
265	19.5	17.4	26.2



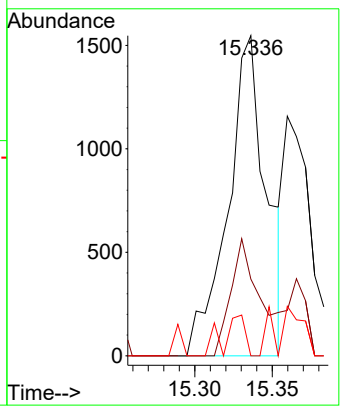


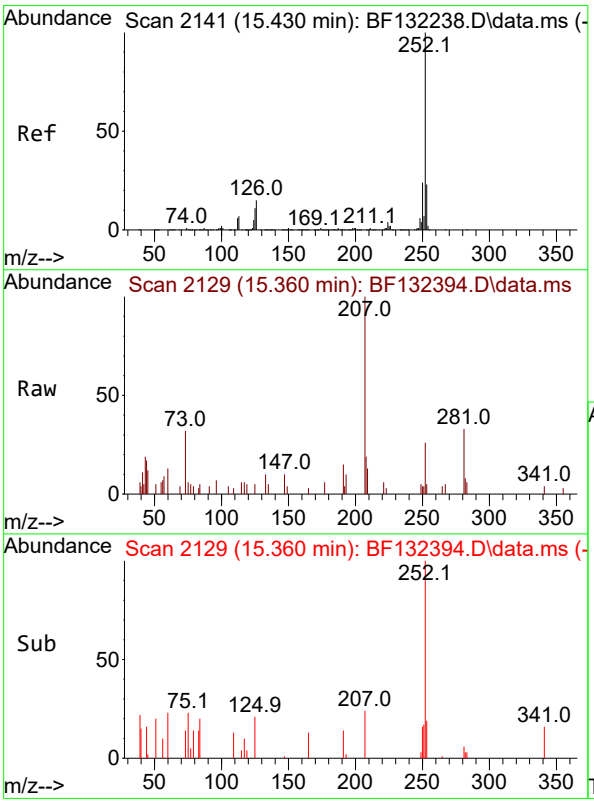
#88
Benzo(b)fluoranthene
Concen: 4.762 ng
RT: 15.336 min Scan# 21
Delta R.T. -0.012 min
Lab File: BF132394.D
Acq: 10 Feb 2023 18:48

Instrument :
BNA_F
ClientSampleId :
JPP-42-020723

Tgt Ion:252 Resp: 2645

Ion	Ratio	Lower	Upper
252	100		
253	24.0	18.1	27.1
125	0.0	9.6	14.4#

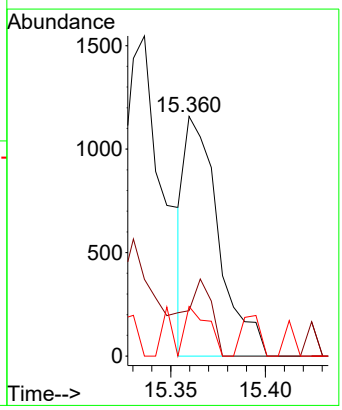


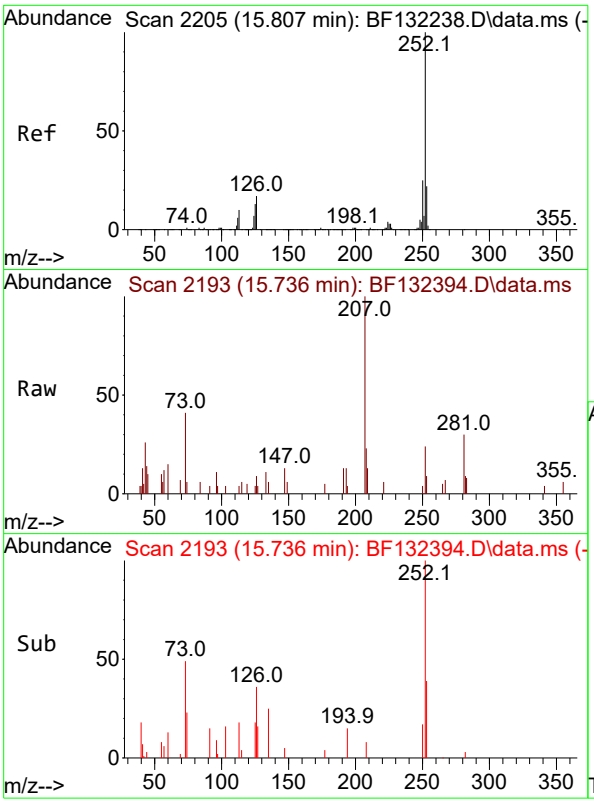


#89
Benzo(k)fluoranthene
Concen: 2.716 ng
RT: 15.360 min Scan# 2129
Delta R.T. -0.018 min
Lab File: BF132394.D
Acq: 10 Feb 2023 18:48

Tgt Ion:252 Resp: 1440

Ion	Ratio	Lower	Upper
252	100		
253	18.9	18.2	27.2
125	20.6	9.0	13.6#



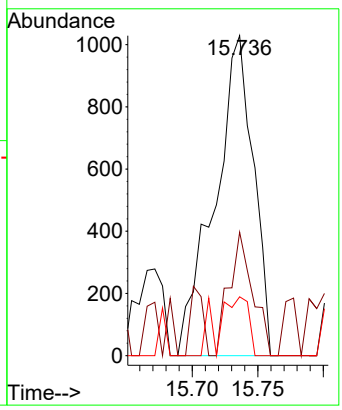


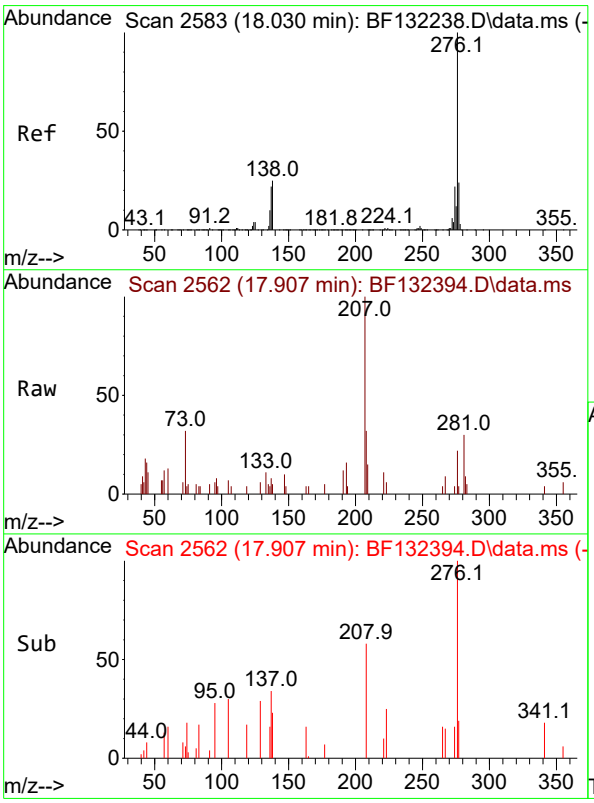
#90
Benzo(a)pyrene
Concen: 4.085 ng
RT: 15.736 min Scan# 2
Delta R.T. -0.012 min
Lab File: BF132394.D
Acq: 10 Feb 2023 18:48

Instrument :
BNA_F
ClientSampleId :
JPP-42-020723

Tgt Ion:252 Resp: 2113

Ion	Ratio	Lower	Upper
252	100		
253	38.6	17.8	26.8#
125	18.4	10.2	15.4#





#92
Benzo(g,h,i)perylene
Concen: 4.102 ng
RT: 17.907 min Scan# 2562
Delta R.T. -0.035 min
Lab File: BF132394.D
Acq: 10 Feb 2023 18:48

Tgt Ion:276 Resp: 1978

Ion	Ratio	Lower	Upper
276	100		
277	18.6	19.4	29.2#
138	22.9	20.3	30.5