Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010722\
Data File : BF126554.D
Acq On : 7 Jan 2022 20:46
Operator : JU/CG
Sample : N1064-01 5X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HD-02-010622

Quant Time: Jan 08 04:40:36 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 05 01:57:07 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	92603	20.000	ng	0.00
21) Naphthalene-d8	8.063	136	343963	20.000	ng	# 0.00
39) Acenaphthene-d10	9.822	164	138248	20.000	ng	0.00
64) Phenanthrene-d10	11.304	188	204507	20.000	ng	0.00
76) Chrysene-d12	13.951	240	159373	20.000	ng	0.00
86) Perylene-d12	15.410	264	116299	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.387	112	112688	17.475	ng	0.00
7) Phenol-d6	6.410	99	139460	16.698	ng	-0.01
23) Nitrobenzene-d5	7.340	82	77506	11.570	ng	-0.01
42) 2,4,6-Tribromophenol	10.610	330	17420	16.306	ng	0.00
45) 2-Fluorobiphenyl	9.139	172	117511	14.958	ng	-0.01
79) Terphenyl-d14	12.898	244	96000	11.703	ng	0.00
Target Compounds						Qvalue
35) Caprolactam	8.492	113	3020	2.798	ng	# 4
71) Phenanthrene	11.327	178	43501	4.161	ng	97
75) Fluoranthene	12.522	202	85351	8.944	ng	97
77) Benzidine	12.627	184	128	Below Cal		# 1
78) Pyrene	12.751	202	88886	6.600	ng	99
81) Benzo(a)anthracene	13.945	228	36377	3.969	ng	# 91
83) Chrysene	13.980	228	38623	4.108	ng	# 94
88) Benzo(b)fluoranthene	14.992	252	48008	6.929	ng	# 84
89) Benzo(k)fluoranthene	14.992	252	48008	7.153	ng	# 83
90) Benzo(a)pyrene	15.345	252	25895	4.458	ng	# 83
92) Benzo(g,h,i)perylene	17.268	276	16773	2.508	ng	# 94

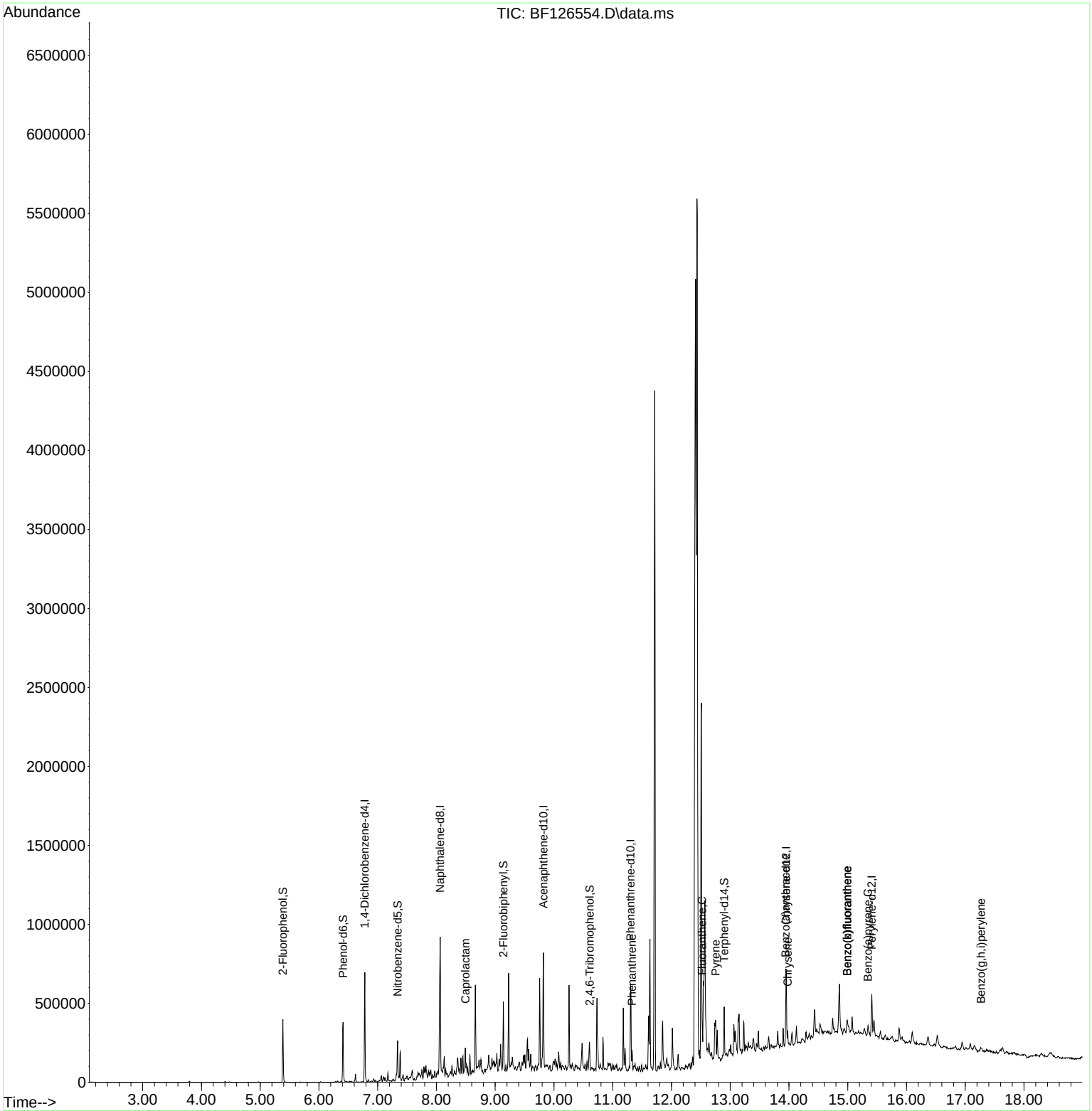
(#) = qualifier out of range (m) = manual integration (+) = signals summed

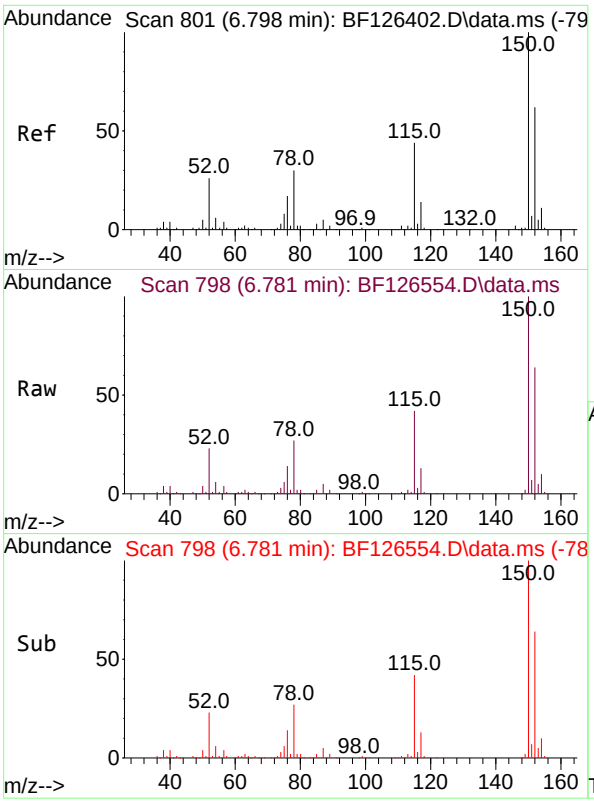
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010722\
Data File : BF126554.D
Acq On : 7 Jan 2022 20:46
Operator : JU/CG
Sample : N1064-01 5X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HD-02-010622

Quant Time: Jan 08 04:40:36 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 05 01:57:07 2022
Response via : Initial Calibration



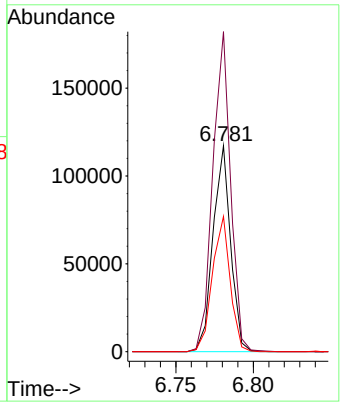


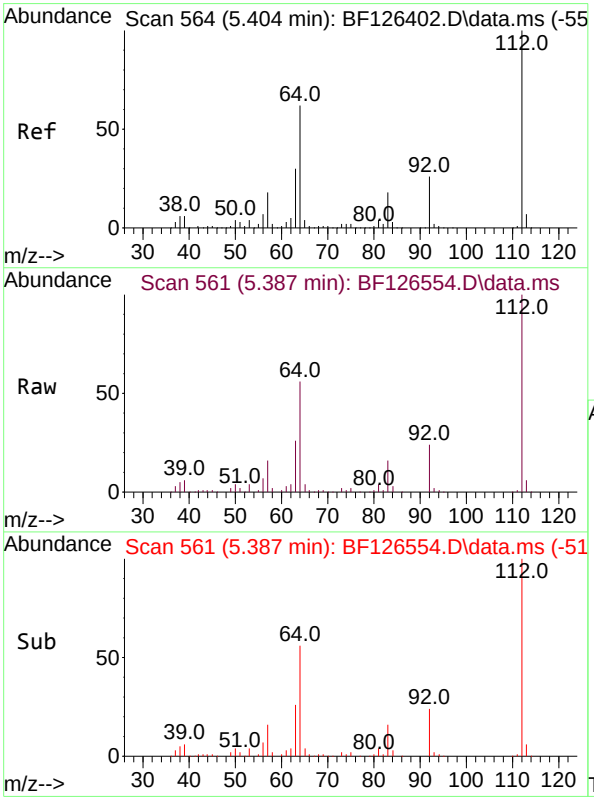
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.781 min Scan# 7
Delta R.T. -0.005 min
Lab File: BF126554.D
Acq: 7 Jan 2022 20:46

Instrument :
BNA_F
ClientSampleId :
HD-02-010622

Tgt Ion:152 Resp: 92603

Ion	Ratio	Lower	Upper
152	100		
150	155.4	128.1	192.1
115	65.7	56.7	85.1

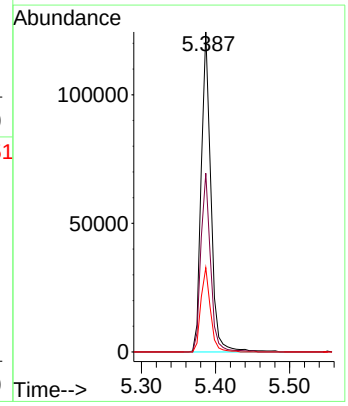


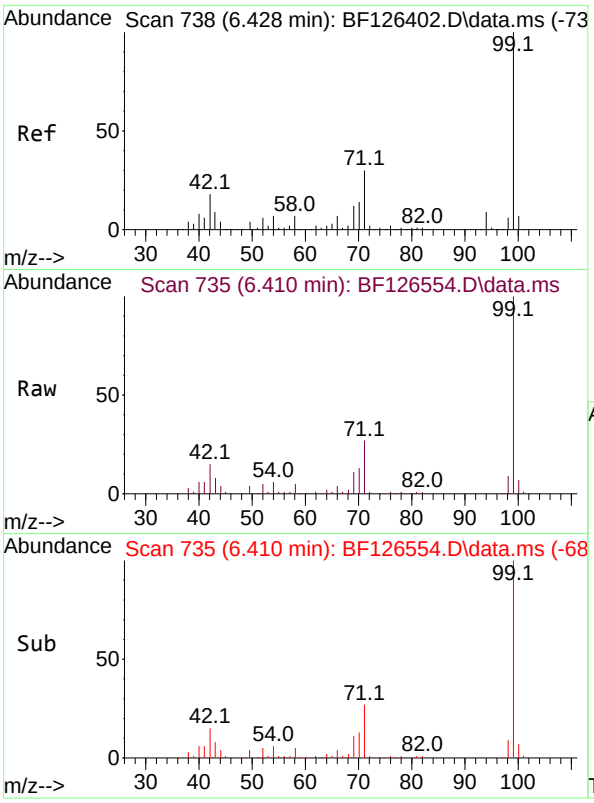


#5
2-Fluorophenol
Concen: 17.475 ng
RT: 5.387 min Scan# 561
Delta R.T. -0.006 min
Lab File: BF126554.D
Acq: 7 Jan 2022 20:46

Tgt Ion:112 Resp: 112688

Ion	Ratio	Lower	Upper
112	100		
64	55.8	49.5	74.3
63	26.4	23.9	35.9



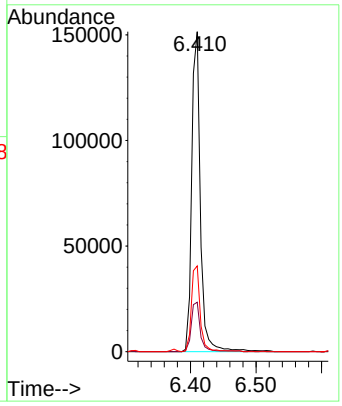


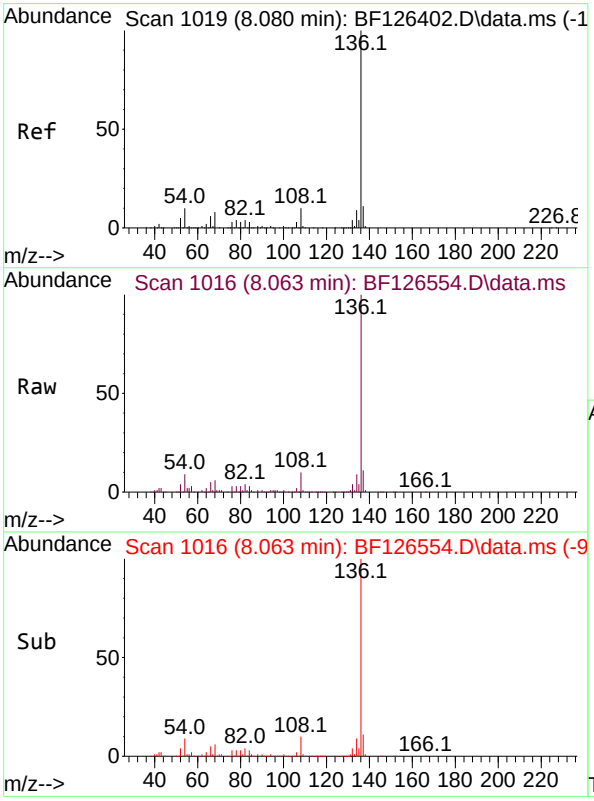
#7
Phenol-d6
Concen: 16.698 ng
RT: 6.410 min Scan# 7
Delta R.T. -0.012 min
Lab File: BF126554.D
Acq: 7 Jan 2022 20:46

Instrument :
BNA_F
ClientSampleId :
HD-02-010622

Tgt Ion: 99 Resp: 139460

Ion	Ratio	Lower	Upper
99	100		
42	15.4	14.2	21.4
71	26.8	24.3	36.5

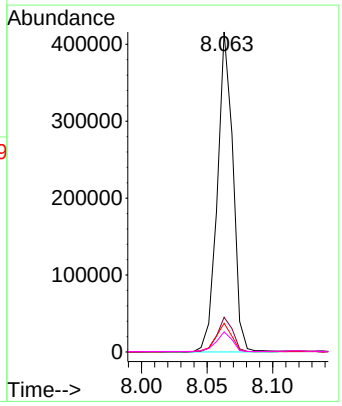


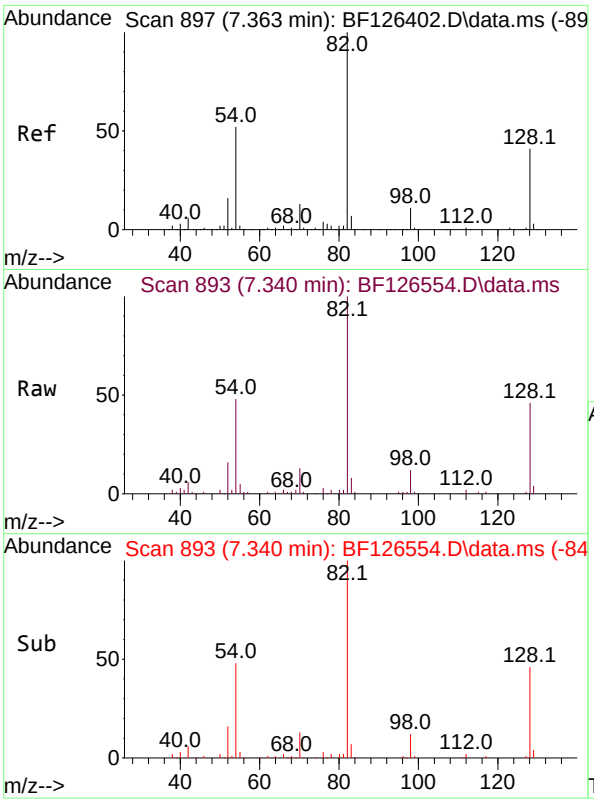


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.063 min Scan# 1016
Delta R.T. -0.006 min
Lab File: BF126554.D
Acq: 7 Jan 2022 20:46

Tgt Ion:136 Resp: 343963

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	13.0
54	9.0	7.8	11.6
68	6.3	6.3	9.5#



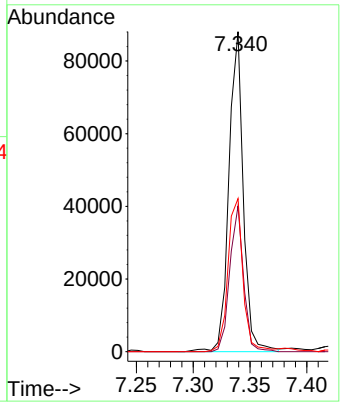


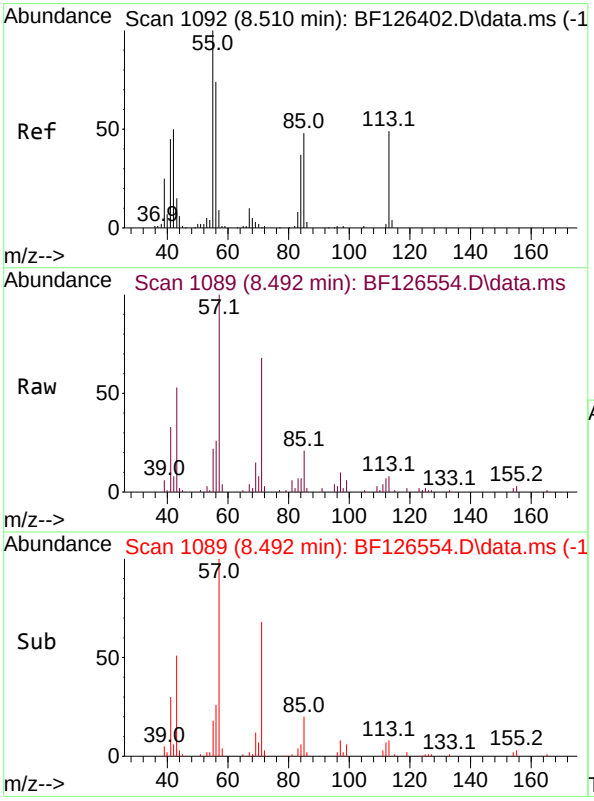
#23
Nitrobenzene-d5
Concen: 11.570 ng
RT: 7.340 min Scan# 8
Delta R.T. -0.012 min
Lab File: BF126554.D
Acq: 7 Jan 2022 20:46

Instrument :
BNA_F
ClientSampleId :
HD-02-010622

Tgt Ion: 82 Resp: 77506

Ion	Ratio	Lower	Upper
82	100		
128	45.6	32.7	49.1
54	47.9	41.7	62.5

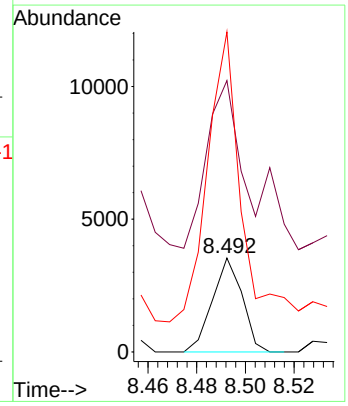


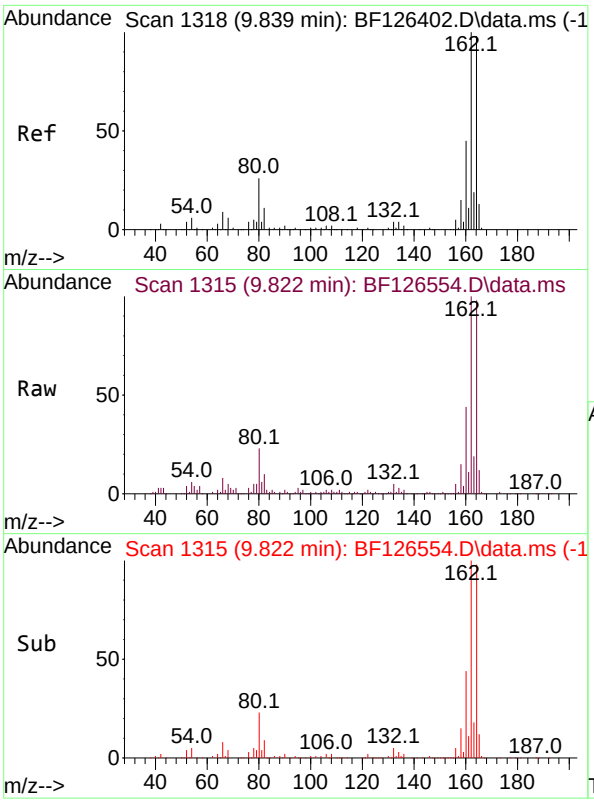


#35
Caprolactam
Concen: 2.798 ng
RT: 8.492 min Scan# 1089
Delta R.T. -0.012 min
Lab File: BF126554.D
Acq: 7 Jan 2022 20:46

Tgt Ion:113 Resp: 3020

Ion	Ratio	Lower	Upper
113	100		
55	289.0	183.9	223.9#
56	340.8	129.9	169.9#



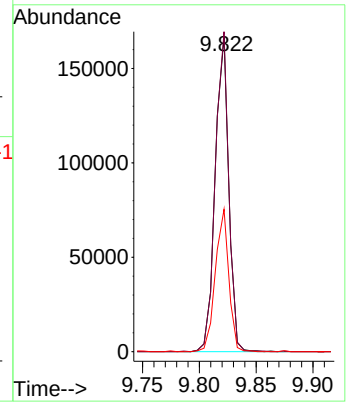


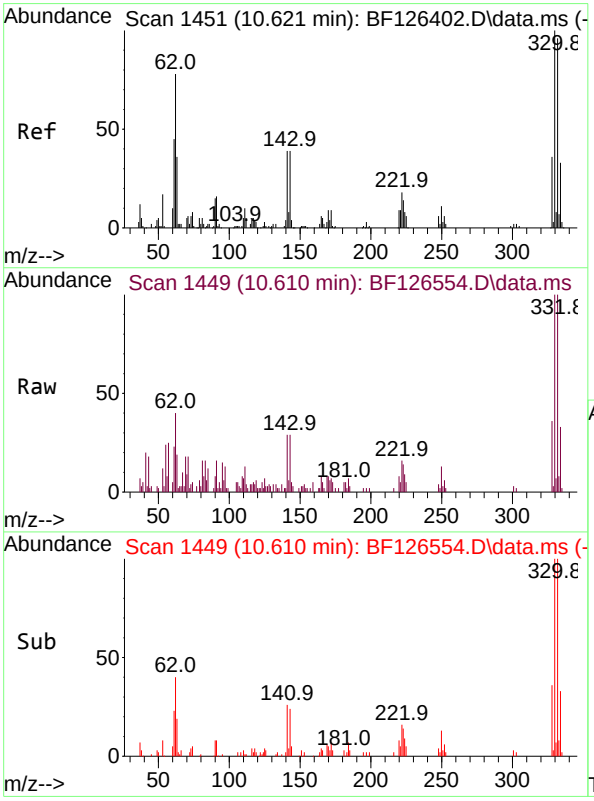
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.822 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF126554.D
Acq: 7 Jan 2022 20:46

Instrument :
BNA_F
ClientSampleId :
HD-02-010622

Tgt Ion:164 Resp: 138248

Ion	Ratio	Lower	Upper
164	100		
162	101.7	81.4	122.0
160	45.3	36.6	54.8

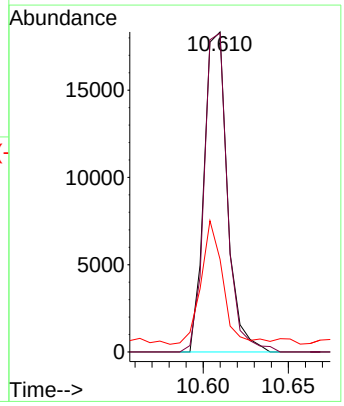


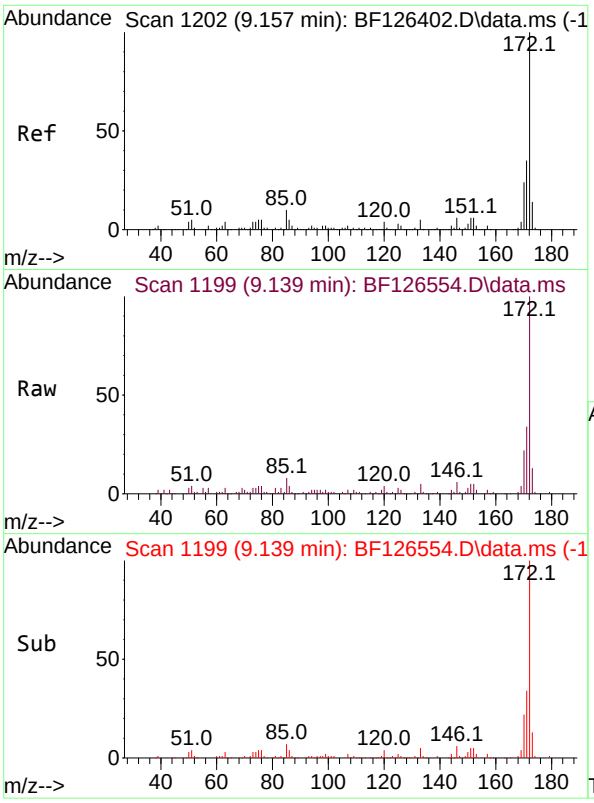


#42
2,4,6-Tribromophenol
Concen: 16.306 ng
RT: 10.610 min Scan# 1449
Delta R.T. -0.006 min
Lab File: BF126554.D
Acq: 7 Jan 2022 20:46

Tgt Ion:330 Resp: 17420

Ion	Ratio	Lower	Upper
330	100		
332	99.1	76.0	114.0
141	36.6	30.1	45.1



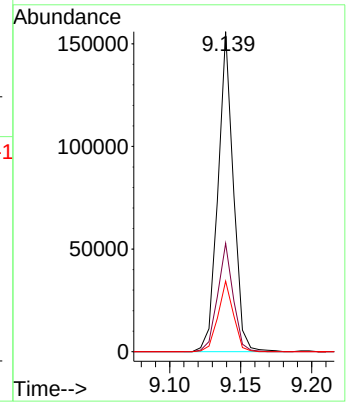


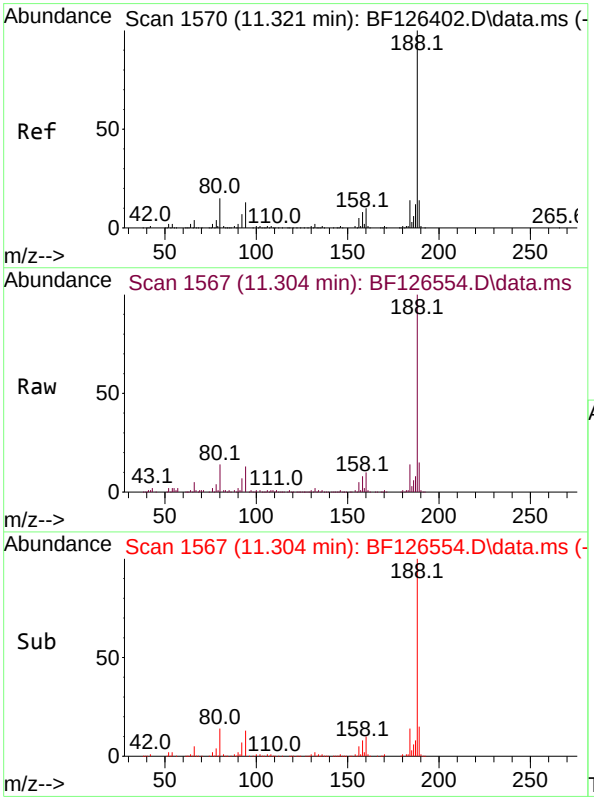
#45
2-Fluorobiphenyl
Concen: 14.958 ng
RT: 9.139 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF126554.D
Acq: 7 Jan 2022 20:46

Instrument :
BNA_F
ClientSampleId :
HD-02-010622

Tgt Ion:172 Resp: 117511

Ion	Ratio	Lower	Upper
172	100		
171	33.8	28.3	42.5
170	22.1	19.0	28.6

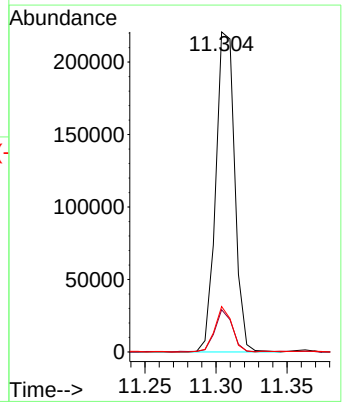


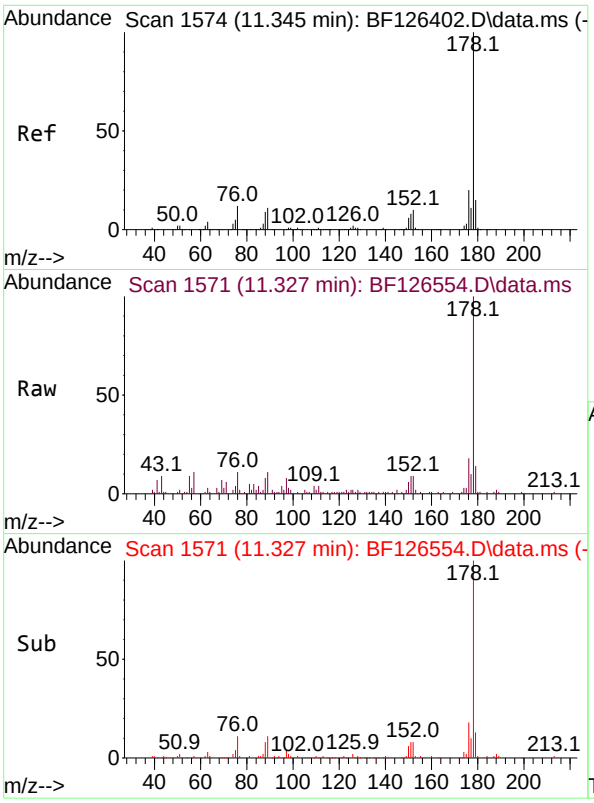


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.304 min Scan# 1567
Delta R.T. -0.006 min
Lab File: BF126554.D
Acq: 7 Jan 2022 20:46

Tgt Ion:188 Resp: 204507

Ion	Ratio	Lower	Upper
188	100		
94	13.2	10.1	15.1
80	14.2	11.8	17.6



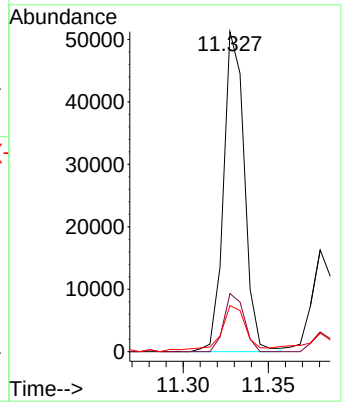


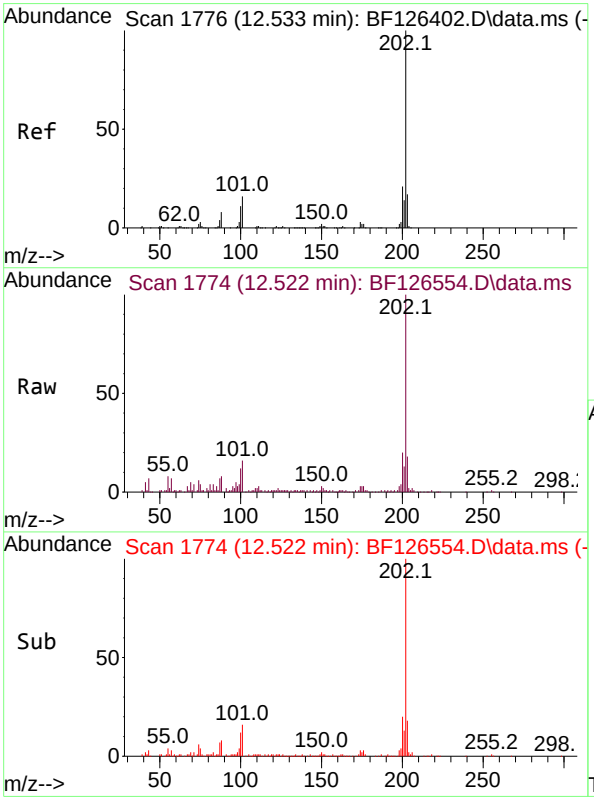
#71
Phenanthrene
Concen: 4.161 ng
RT: 11.327 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF126554.D
Acq: 7 Jan 2022 20:46

Instrument :
BNA_F
ClientSampleId :
HD-02-010622

Tgt Ion:178 Resp: 43501

Ion	Ratio	Lower	Upper
178	100		
176	18.2	15.7	23.5
179	14.4	12.3	18.5

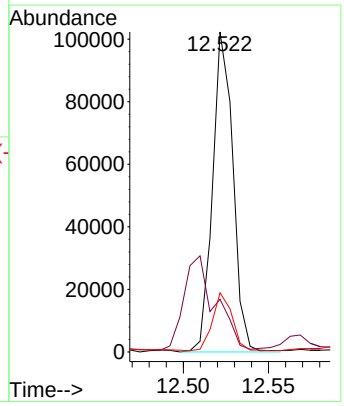


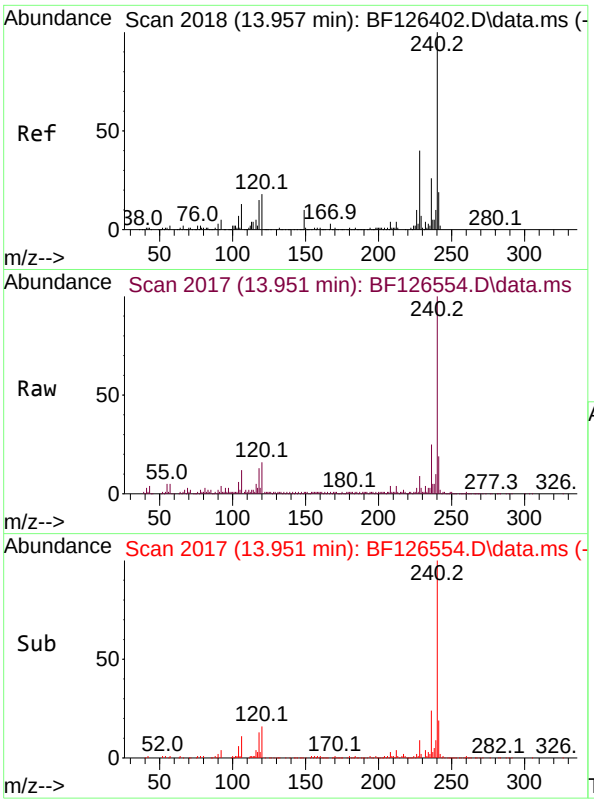


#75
Fluoranthene
Concen: 8.944 ng
RT: 12.522 min Scan# 1774
Delta R.T. 0.000 min
Lab File: BF126554.D
Acq: 7 Jan 2022 20:46

Tgt Ion:202 Resp: 85351

Ion	Ratio	Lower	Upper
202	100		
101	16.4	0.0	35.7
203	18.5	0.0	37.1



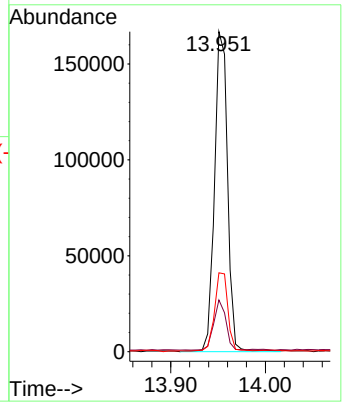


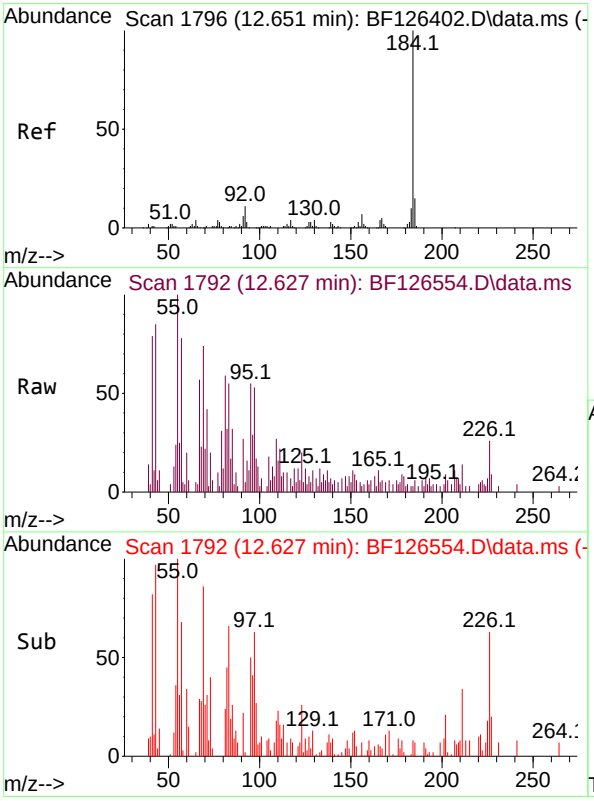
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.951 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF126554.D
Acq: 7 Jan 2022 20:46

Instrument :
BNA_F
ClientSampleId :
HD-02-010622

Tgt Ion:240 Resp: 159373

Ion	Ratio	Lower	Upper
240	100		
120	16.2	14.4	21.6
236	24.7	20.5	30.7

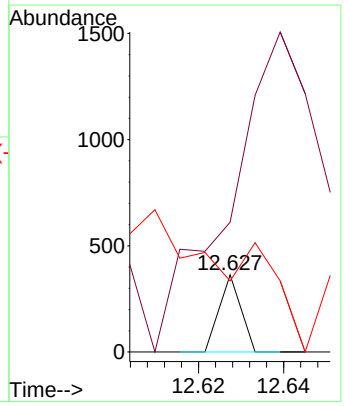


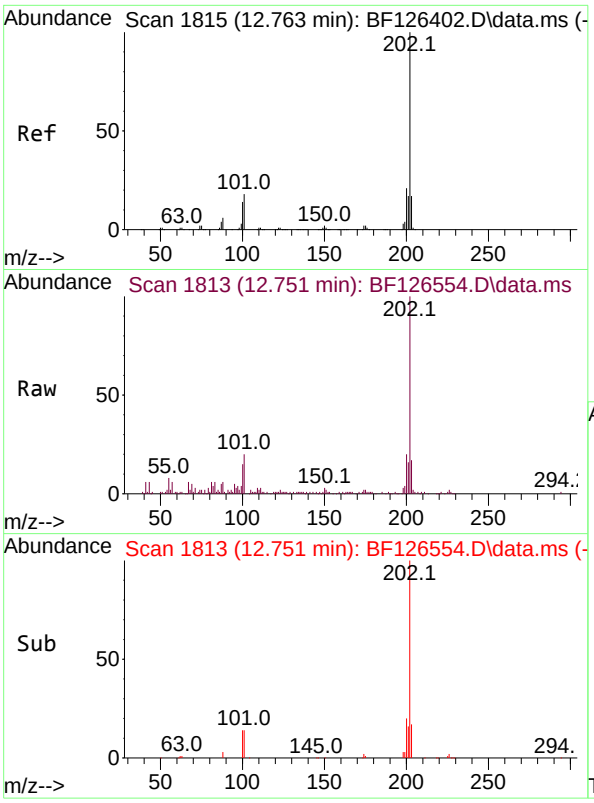


#77
Benzidine
Concen: Below Cal
RT: 12.627 min Scan# 1792
Delta R.T. -0.012 min
Lab File: BF126554.D
Acq: 7 Jan 2022 20:46

Tgt Ion:184 Resp: 128

Ion	Ratio	Lower	Upper
184	100		
185	168.3	11.8	17.8#
183	92.3	8.2	12.2#



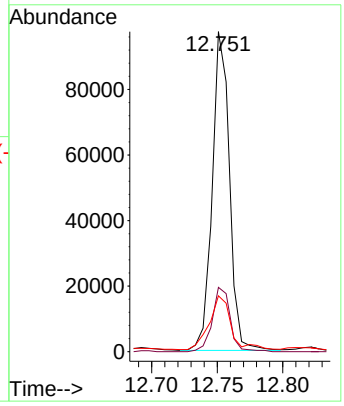


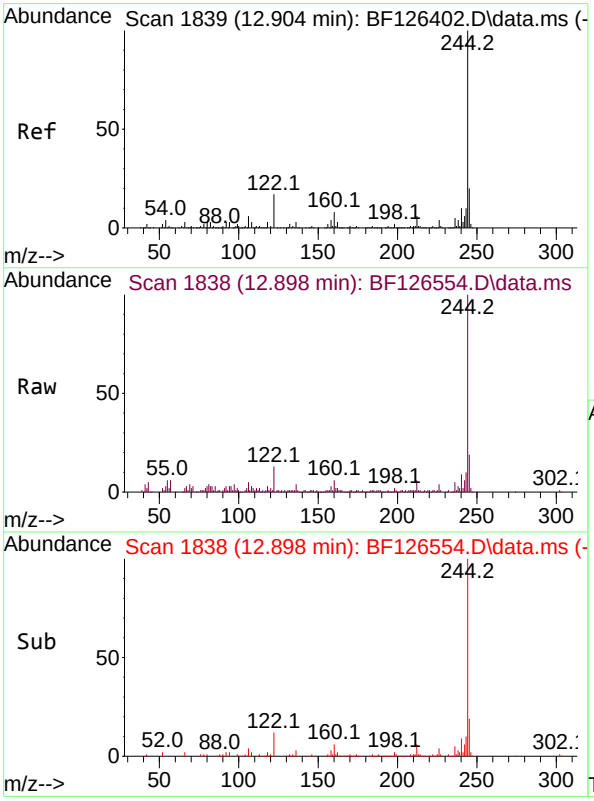
#78
Pyrene
Concen: 6.600 ng
RT: 12.751 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF126554.D
Acq: 7 Jan 2022 20:46

Instrument :
BNA_F
ClientSampleId :
HD-02-010622

Tgt Ion:202 Resp: 88886

Ion	Ratio	Lower	Upper
202	100		
200	20.1	16.6	24.8
203	17.5	13.8	20.8

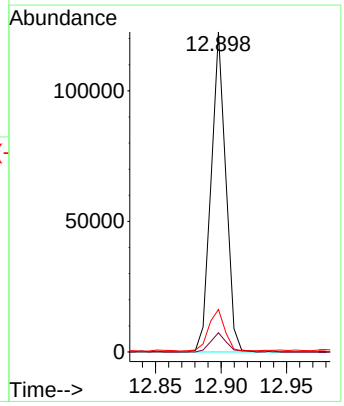


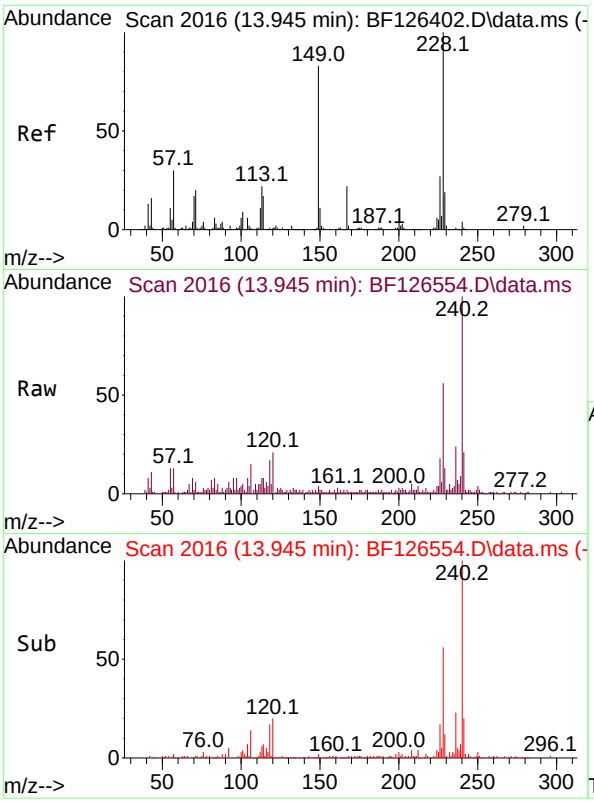


#79
Terphenyl-d14
Concen: 11.703 ng
RT: 12.898 min Scan# 1838
Delta R.T. 0.000 min
Lab File: BF126554.D
Acq: 7 Jan 2022 20:46

Tgt Ion:244 Resp: 96000

Ion	Ratio	Lower	Upper
244	100		
212	6.0	5.0	7.4
122	13.3	13.3	19.9



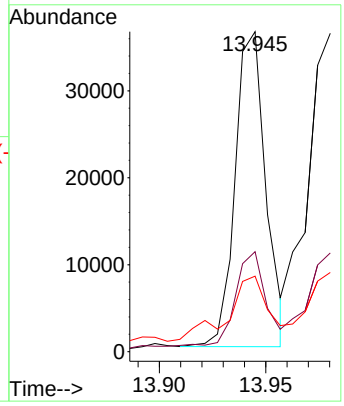


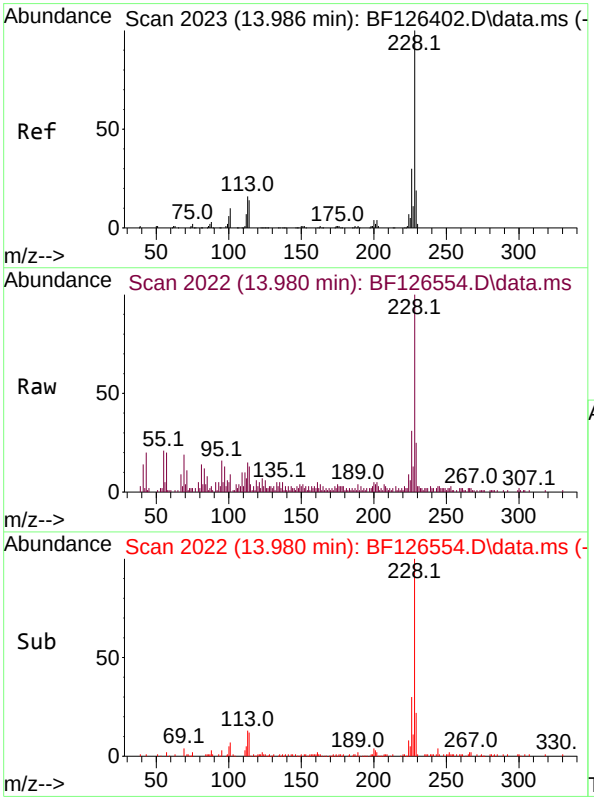
#81
Benzo(a)anthracene
Concen: 3.969 ng
RT: 13.945 min Scan# 2
Delta R.T. 0.006 min
Lab File: BF126554.D
Acq: 7 Jan 2022 20:46

Instrument :
BNA_F
ClientSampleId :
HD-02-010622

Tgt Ion:228 Resp: 36377

Ion	Ratio	Lower	Upper
228	100		
226	31.3	21.4	32.0
229	23.6	15.4	23.2#

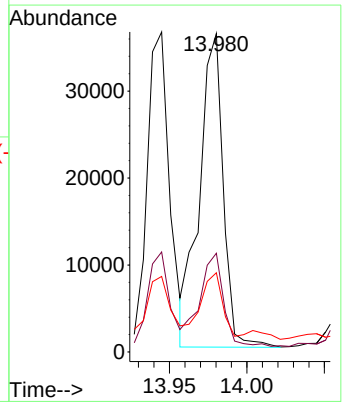


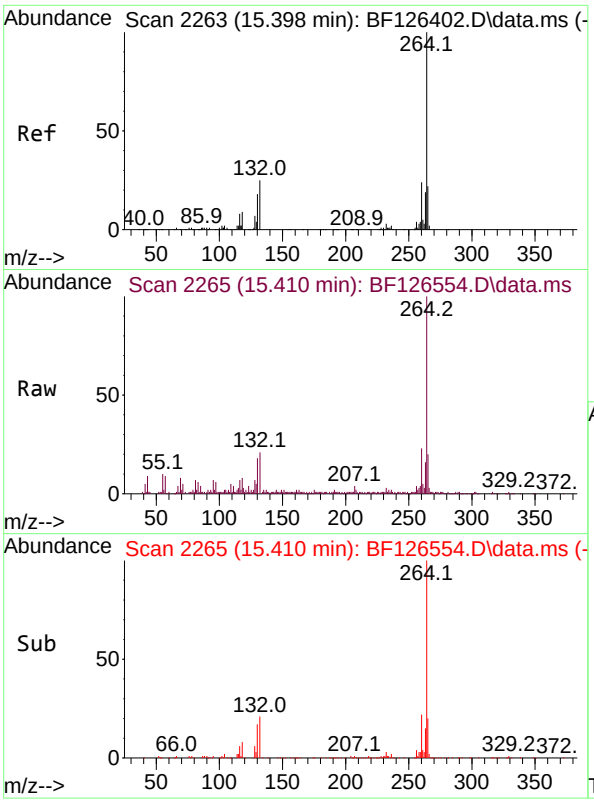


#83
Chrysene
Concen: 4.108 ng
RT: 13.980 min Scan# 2022
Delta R.T. 0.006 min
Lab File: BF126554.D
Acq: 7 Jan 2022 20:46

Tgt Ion:228 Resp: 38623

Ion	Ratio	Lower	Upper
228	100		
226	31.0	23.7	35.5
229	24.9	15.5	23.3#



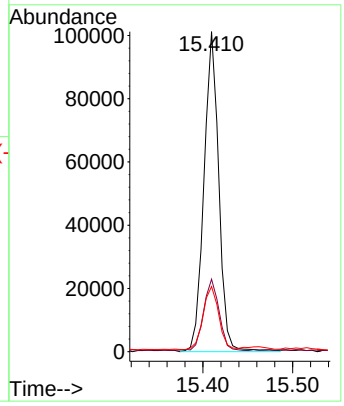


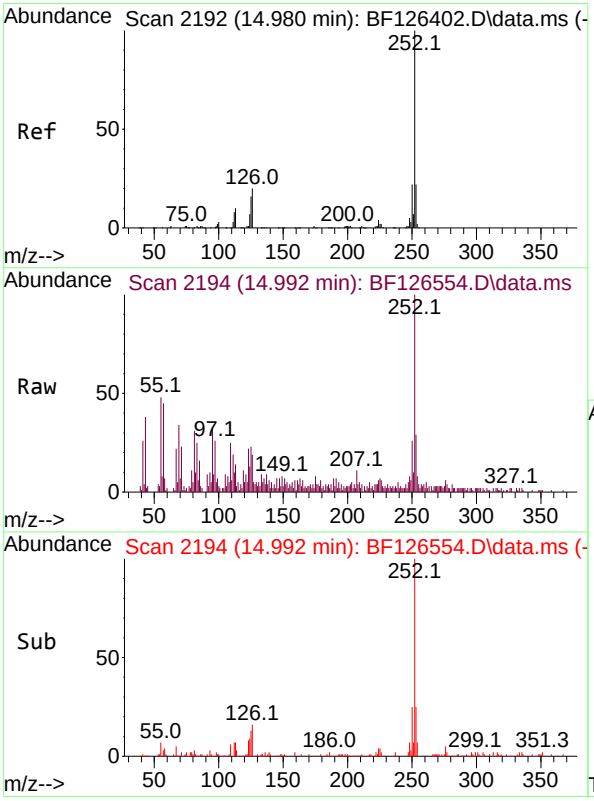
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.410 min Scan# 2
Delta R.T. 0.024 min
Lab File: BF126554.D
Acq: 7 Jan 2022 20:46

Instrument :
BNA_F
ClientSampleId :
HD-02-010622

Tgt Ion:264 Resp: 116299

Ion	Ratio	Lower	Upper
264	100		
260	22.6	19.2	28.8
265	20.4	17.4	26.2

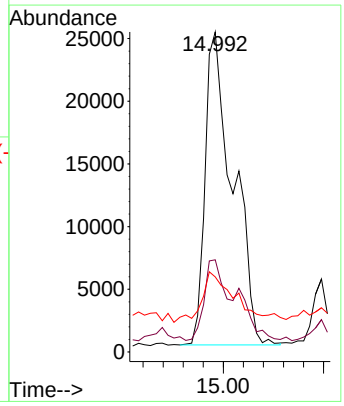


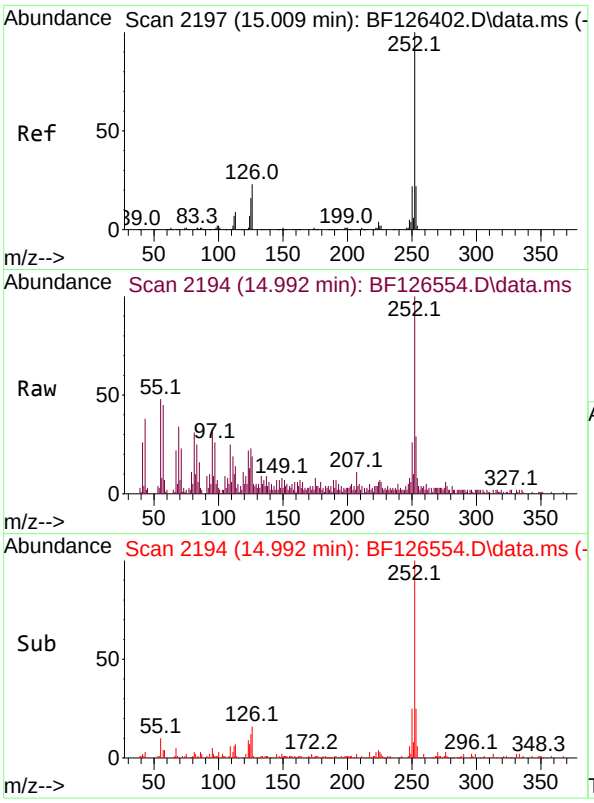


#88
Benzo(b)fluoranthene
Concen: 6.929 ng
RT: 14.992 min Scan# 2194
Delta R.T. 0.018 min
Lab File: BF126554.D
Acq: 7 Jan 2022 20:46

Tgt Ion:252 Resp: 48008

Ion	Ratio	Lower	Upper
252	100		
253	28.8	17.8	26.8#
125	23.4	12.4	18.6#



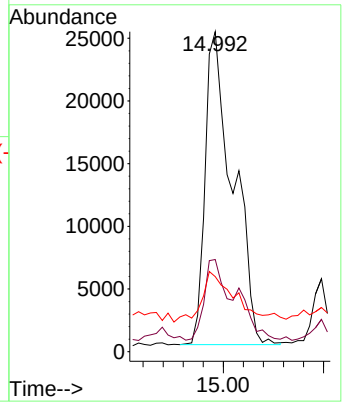


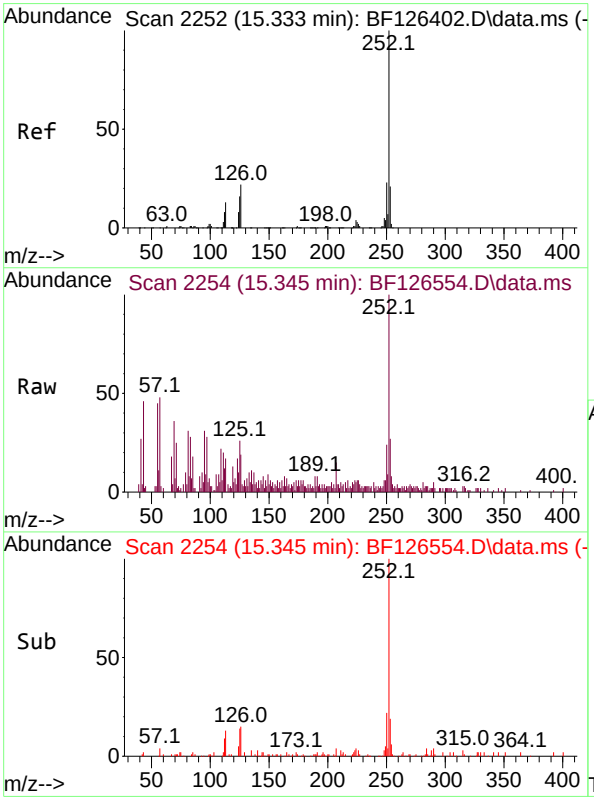
#89
Benzo(k)fluoranthene
Concen: 7.153 ng
RT: 14.992 min Scan# 21
Delta R.T. -0.012 min
Lab File: BF126554.D
Acq: 7 Jan 2022 20:46

Instrument :
BNA_F
ClientSampleId :
HD-02-010622

Tgt Ion:252 Resp: 48008

Ion	Ratio	Lower	Upper
252	100		
253	28.8	17.5	26.3#
125	23.4	11.8	17.6#

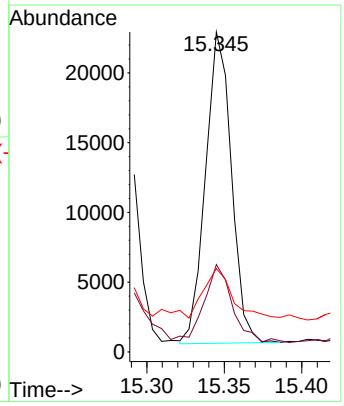


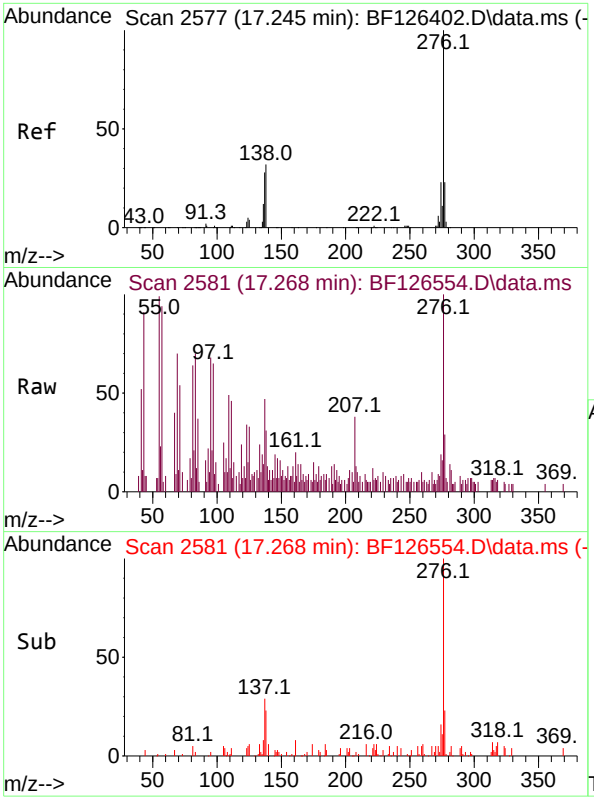


#90
Benzo(a)pyrene
Concen: 4.458 ng
RT: 15.345 min Scan# 2254
Delta R.T. 0.018 min
Lab File: BF126554.D
Acq: 7 Jan 2022 20:46

Tgt Ion:252 Resp: 25895

Ion	Ratio	Lower	Upper
252	100		
253	27.3	17.1	25.7#
125	26.1	13.0	19.6#





#92
Benzo(g,h,i)perylene
Concen: 2.508 ng
RT: 17.268 min Scan# 2
Delta R.T. 0.035 min
Lab File: BF126554.D
Acq: 7 Jan 2022 20:46

Instrument :
BNA_F
ClientSampleId :
HD-02-010622

Tgt Ion:276 Resp: 16773

Ion	Ratio	Lower	Upper
276	100		
277	29.1	18.5	27.7#
138	31.3	25.9	38.9