Quantitation Report (LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032025\
Data File : BF142018.D
Acq On : 20 Mar 2025 18:35
Operator : RC/JU
Sample : Q1606-09
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CHRT28607

Quant Time: Mar 21 01:07:29 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 10 15:46:22 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	141938	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	464911	20.000	ng	# 0.00
39) Acenaphthene-d10	9.910	164	208535	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	314848	20.000	ng	0.00
76) Chrysene-d12	14.033	240	335250	20.000	ng	0.00
86) Perylene-d12	15.510	264	237631	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	887293	104.331	ng	0.00
7) Phenol-d6	6.499	99	1045621	96.565	ng	0.00
23) Nitrobenzene-d5	7.434	82	655731	79.374	ng	-0.01
42) 2,4,6-Tribromophenol	10.698	330	240002	90.719	ng	0.00
45) 2-Fluorobiphenyl	9.234	172	878150	64.042	ng	0.00
79) Terphenyl-d14	12.980	244	909433	40.106	ng	0.00
Target Compounds						Qvalue
31) Naphthalene	8.175	128	245533	10.281	ng	# 93
38) 1-Methylnaphthalene	8.969	142	273584	17.761	ng	97
58) Fluorene	10.463	166	92298	6.801	ng	# 81
71) Phenanthrene	11.422	178	246692	14.506	ng	# 95
75) Fluoranthene	12.610	202	89881	4.982	ng	97
78) Pyrene	12.839	202	103034	3.553	ng	96
81) Benzo(a)anthracene	14.022	228	60086	2.731	ng	# 91
83) Chrysene	14.057	228	51038	2.559	ng	# 93
88) Benzo(b)fluoranthene	15.074	252	53107m	3.261	ng	
90) Benzo(a)pyrene	15.445	252	36784	2.887	ng	# 80

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

Quantitation Report (LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032025\
Data File : BF142018.D
Acq On : 20 Mar 2025 18:35
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Quant Time: Mar 21 01:07:29 2025
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 10 15:46:22 2025
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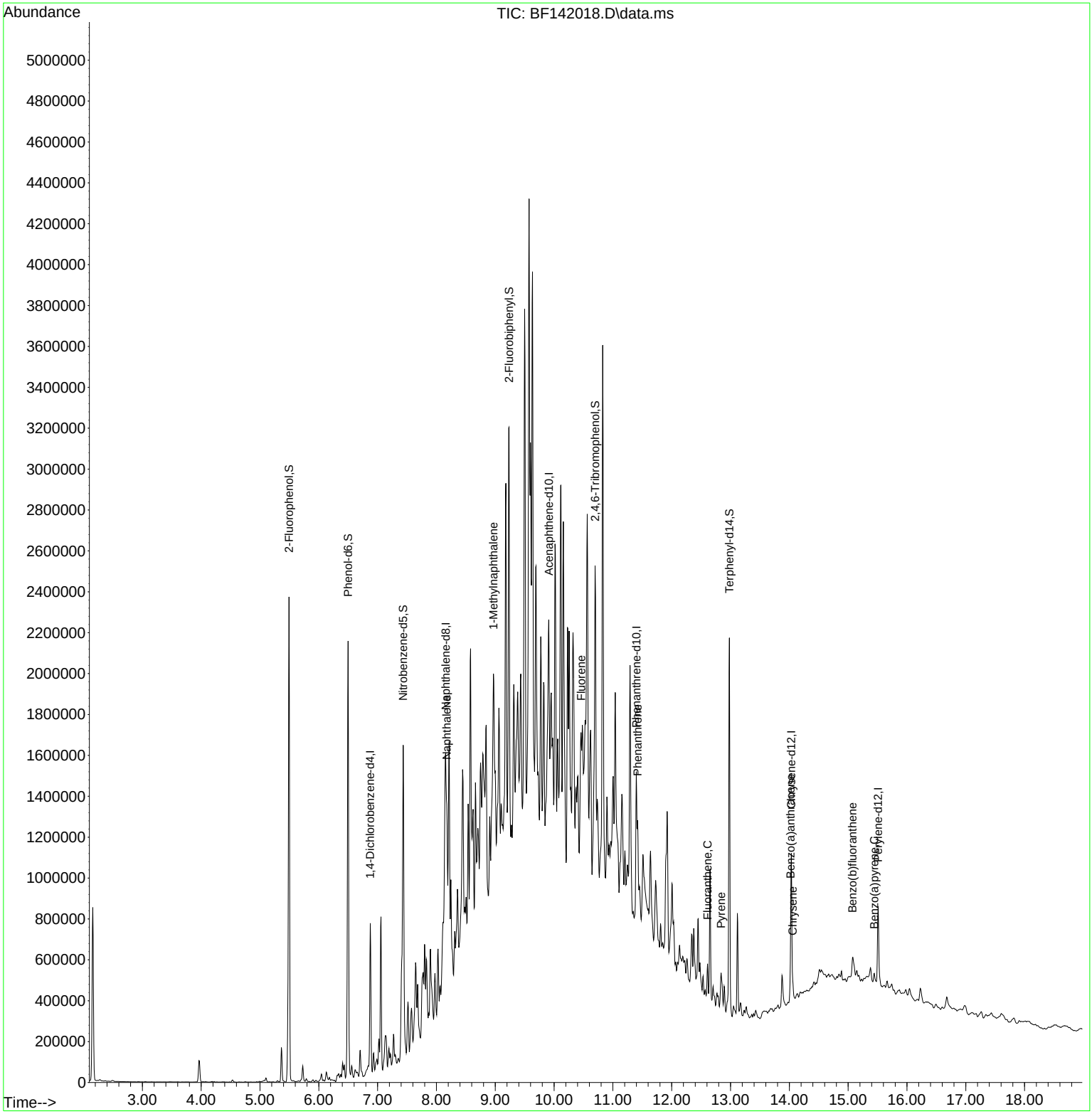
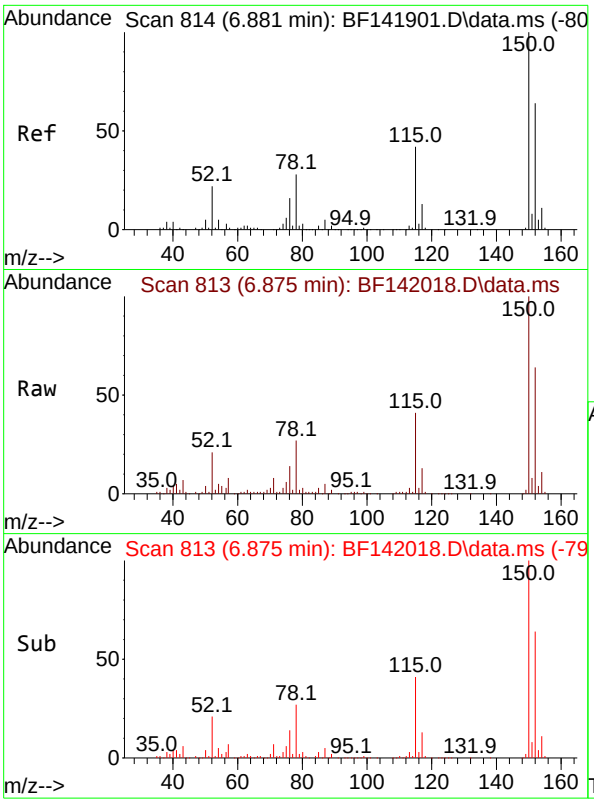


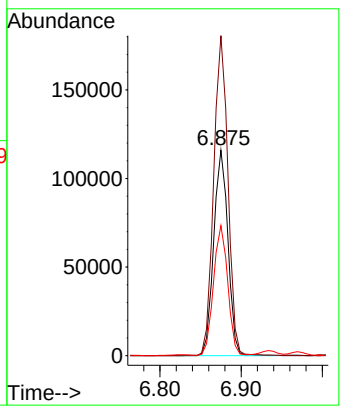


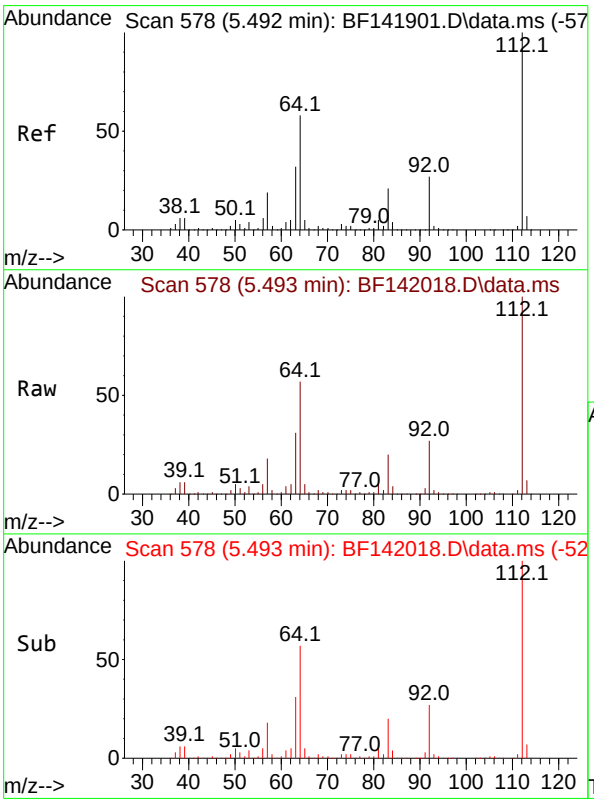
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF142018.D
Acq: 20 Mar 2025 18:35

Instrument :
BNA_F
ClientSampleId :
CHRT28607

Tgt Ion:152 Resp: 141938

Ion	Ratio	Lower	Upper
152	100		
150	155.8	127.4	191.2
115	63.3	51.9	77.9

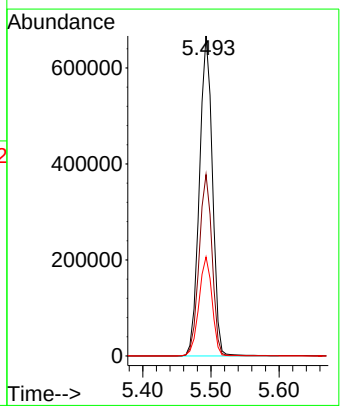


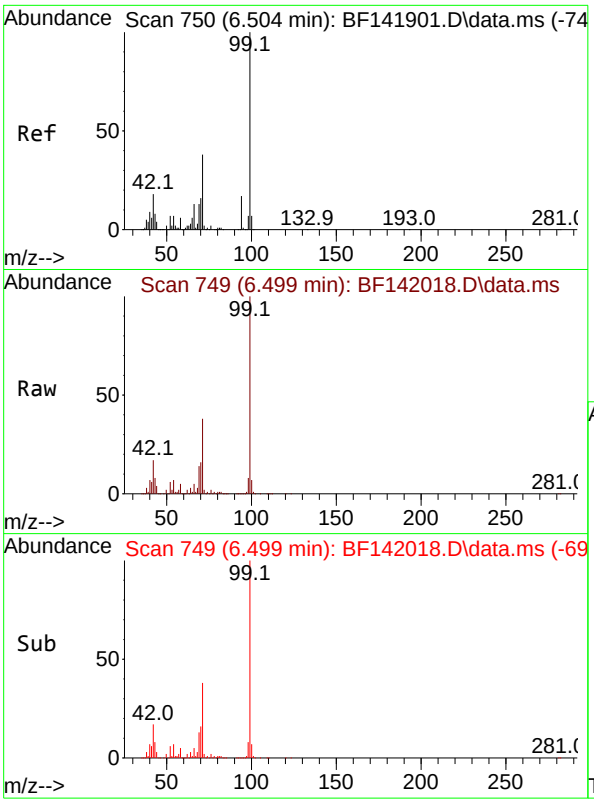


#5
2-Fluorophenol
Concen: 104.331 ng
RT: 5.493 min Scan# 578
Delta R.T. 0.000 min
Lab File: BF142018.D
Acq: 20 Mar 2025 18:35

Tgt Ion:112 Resp: 887293

Ion	Ratio	Lower	Upper
112	100		
64	56.7	46.5	69.7
63	30.9	25.4	38.2



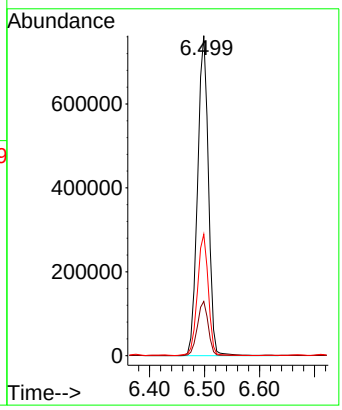


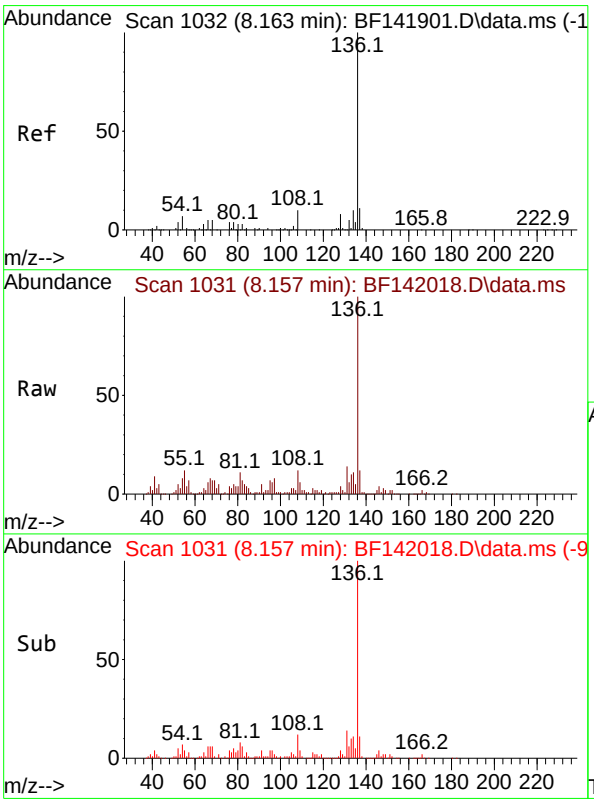
#7
Phenol-d6
Concen: 96.565 ng
RT: 6.499 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF142018.D
Acq: 20 Mar 2025 18:35

Instrument :
BNA_F
ClientSampleId :
CHRT28607

Tgt Ion: 99 Resp: 1045621

Ion	Ratio	Lower	Upper
99	100		
42	17.0	14.6	21.8
71	38.0	30.8	46.2

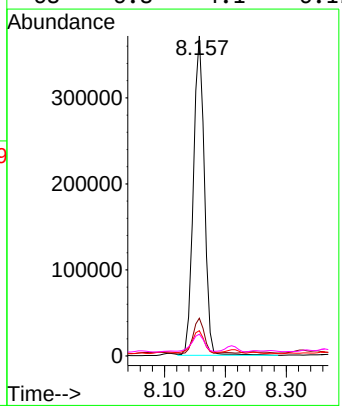


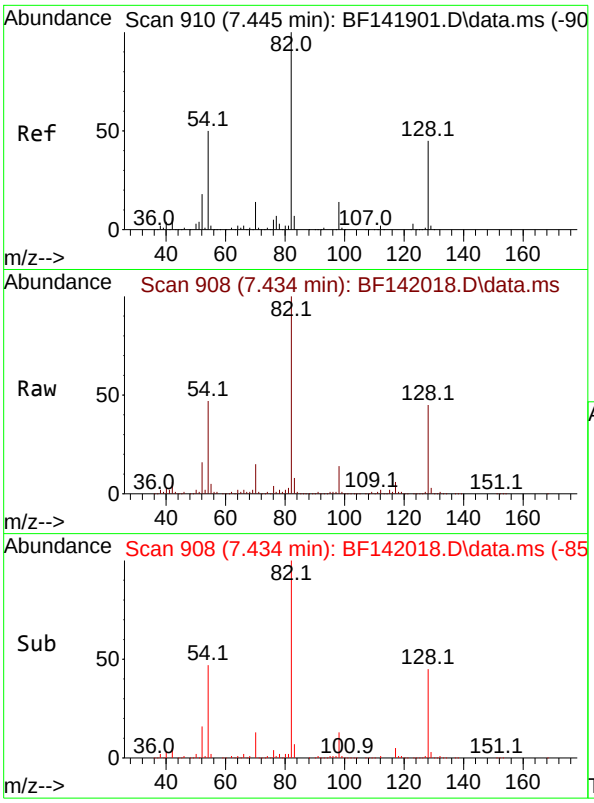


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF142018.D
Acq: 20 Mar 2025 18:35

Tgt Ion:136 Resp: 464911

Ion	Ratio	Lower	Upper
136	100		
137	11.8	8.8	13.2
54	7.9	5.8	8.8
68	6.8	4.1	6.1#



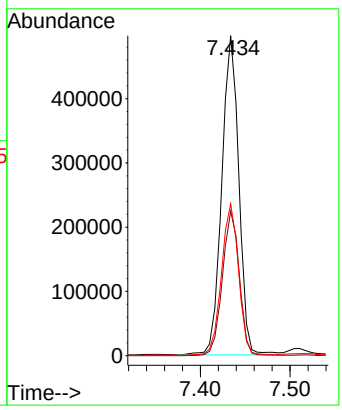


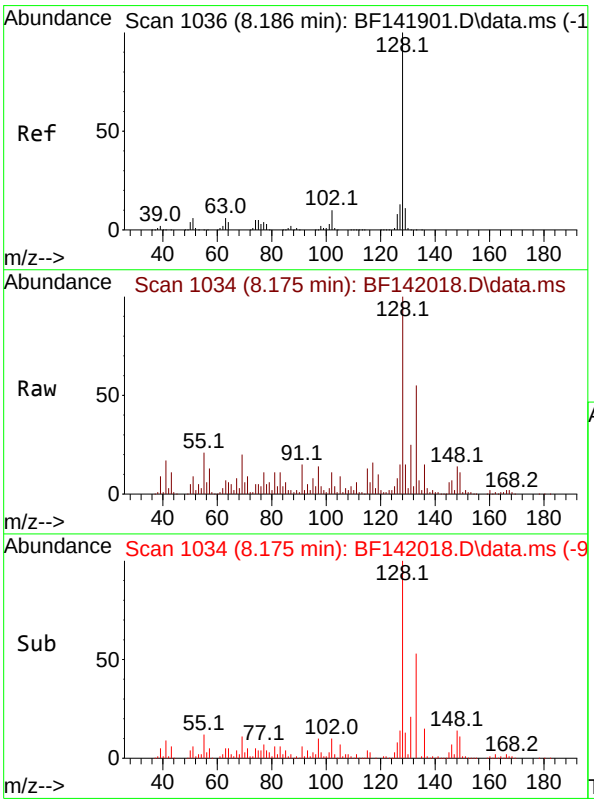
#23
Nitrobenzene-d5
Concen: 79.374 ng
RT: 7.434 min Scan# 9
Delta R.T. -0.012 min
Lab File: BF142018.D
Acq: 20 Mar 2025 18:35

Instrument :
BNA_F
ClientSampleId :
CHRT28607

Tgt Ion: 82 Resp: 655731

Ion	Ratio	Lower	Upper
82	100		
128	45.1	36.0	54.0
54	47.5	39.6	59.4

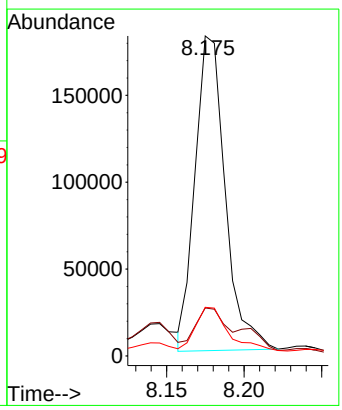


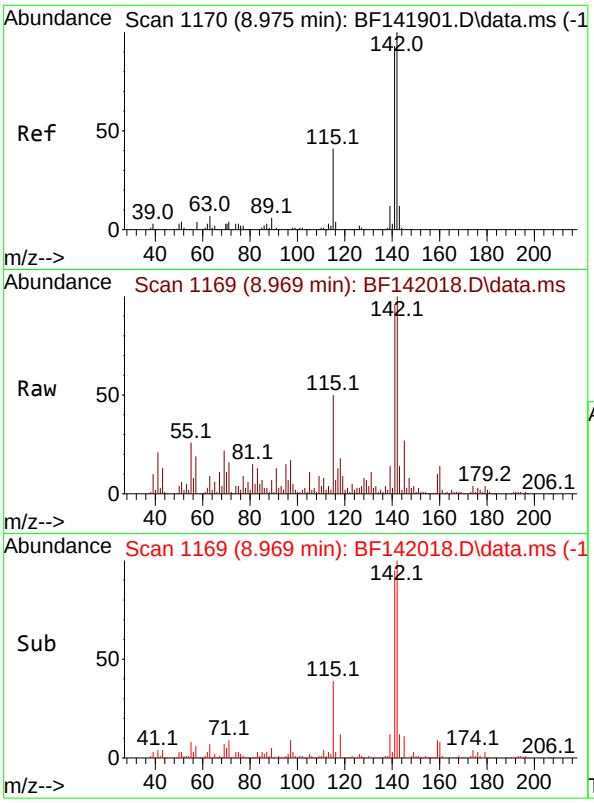


#31
Naphthalene
Concen: 10.281 ng
RT: 8.175 min Scan# 1034
Delta R.T. -0.011 min
Lab File: BF142018.D
Acq: 20 Mar 2025 18:35

Tgt Ion:128 Resp: 245533

Ion	Ratio	Lower	Upper
128	100		
129	15.0	9.0	13.6#
127	15.2	10.8	16.2



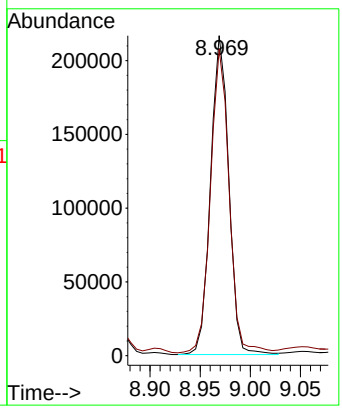


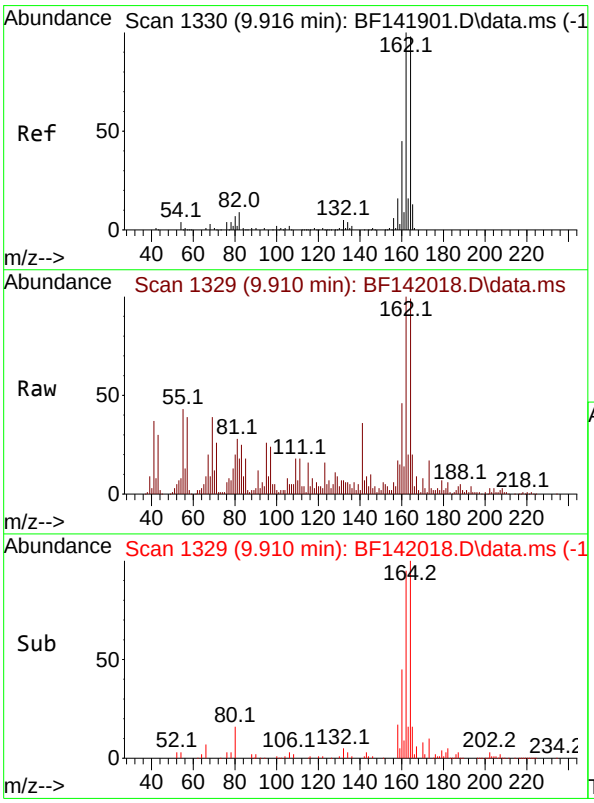
#38
1-Methylnaphthalene
Concen: 17.761 ng
RT: 8.969 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142018.D
Acq: 20 Mar 2025 18:35

Instrument :
BNA_F
ClientSampleId :
CHRT28607

Tgt Ion:142 Resp: 273584

Ion	Ratio	Lower	Upper
142	100		
141	95.8	74.2	111.4

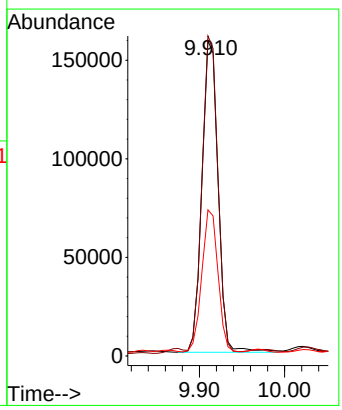


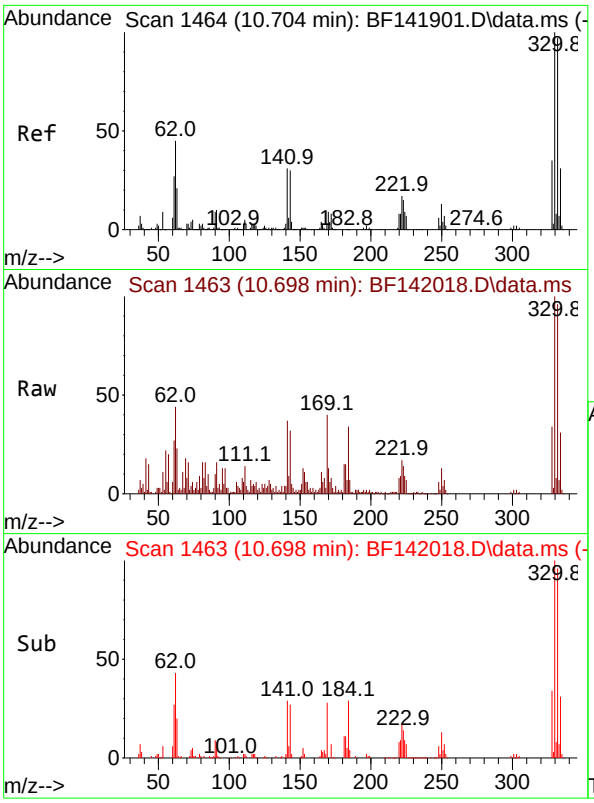


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.910 min Scan# 1329
Delta R.T. -0.006 min
Lab File: BF142018.D
Acq: 20 Mar 2025 18:35

Tgt Ion:164 Resp: 208535

Ion	Ratio	Lower	Upper
164	100		
162	101.5	81.8	122.6
160	46.3	36.7	55.1



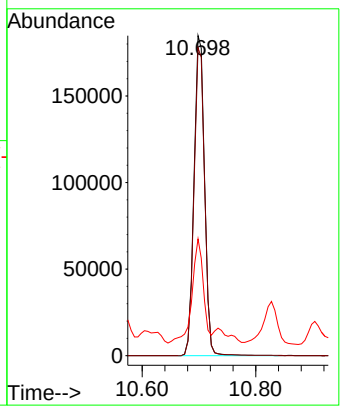


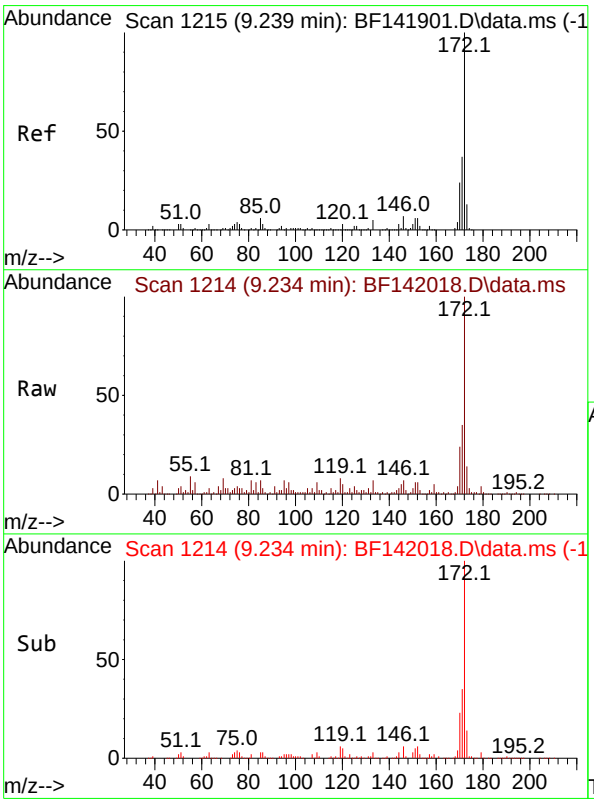
#42
2,4,6-Tribromophenol
Concen: 90.719 ng
RT: 10.698 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF142018.D
Acq: 20 Mar 2025 18:35

Instrument :
BNA_F
ClientSampleId :
CHRT28607

Tgt Ion:330 Resp: 240002

Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.6	116.4
141	35.0	24.7	37.1

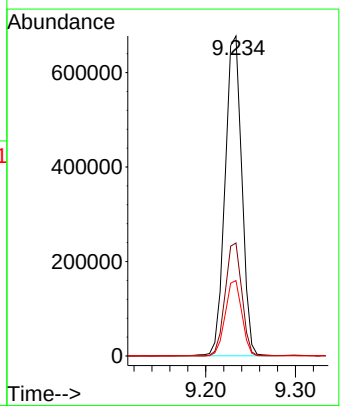


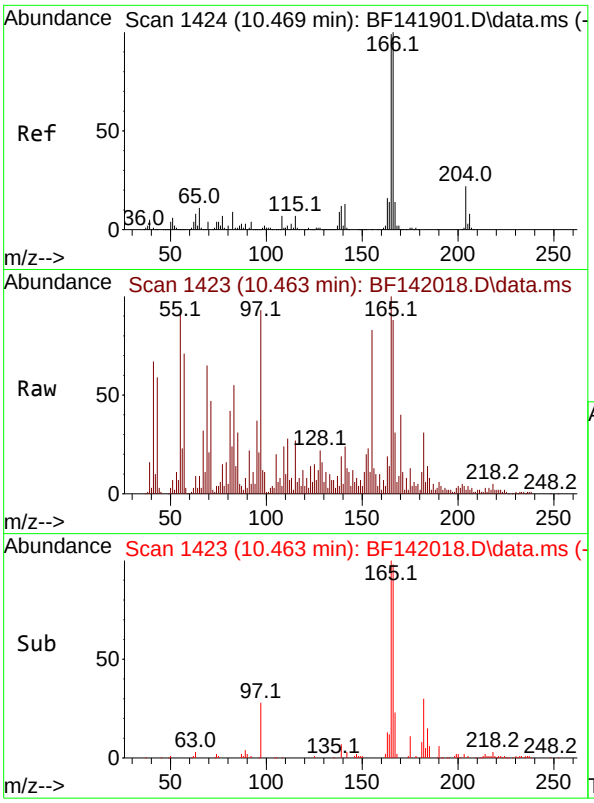


#45
2-Fluorobiphenyl
Concen: 64.042 ng
RT: 9.234 min Scan# 1214
Delta R.T. -0.006 min
Lab File: BF142018.D
Acq: 20 Mar 2025 18:35

Tgt Ion:172 Resp: 878150

Ion	Ratio	Lower	Upper
172	100		
171	35.3	29.3	43.9
170	23.5	19.4	29.0



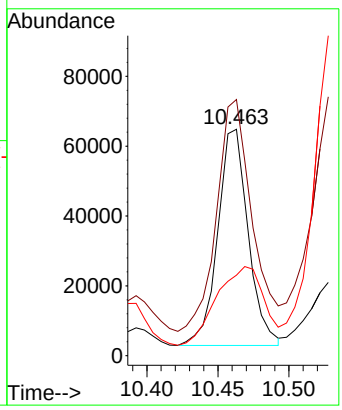


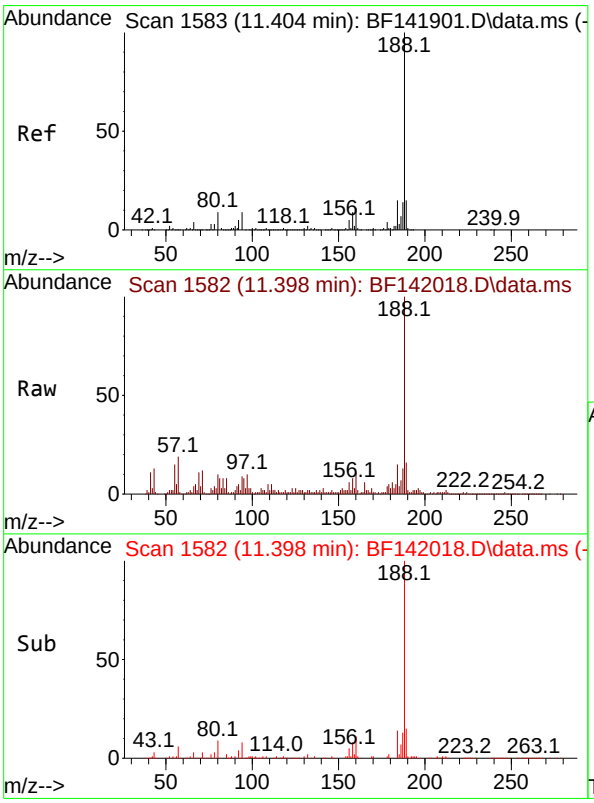
#58
Fluorene
Concen: 6.801 ng
RT: 10.463 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF142018.D
Acq: 20 Mar 2025 18:35

Instrument :
BNA_F
ClientSampleId :
CHRT28607

Tgt Ion:166 Resp: 92298

Ion	Ratio	Lower	Upper
166	100		
165	113.1	79.0	118.4
167	35.5	11.0	16.4#

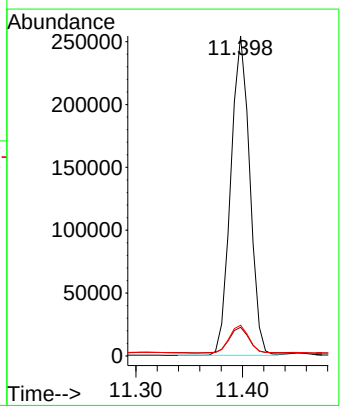


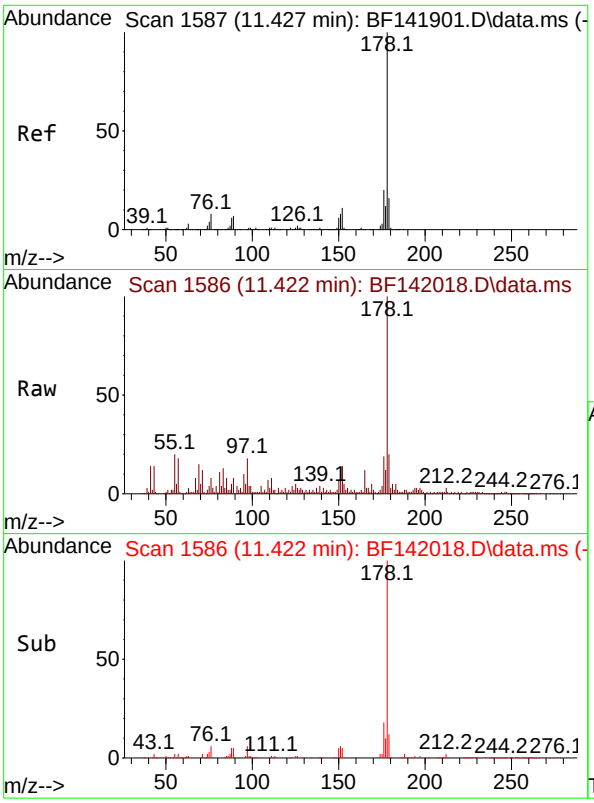


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 1582
Delta R.T. -0.006 min
Lab File: BF142018.D
Acq: 20 Mar 2025 18:35

Tgt Ion:188 Resp: 314848

Ion	Ratio	Lower	Upper
188	100		
94	8.9	6.8	10.2
80	9.6	7.6	11.4



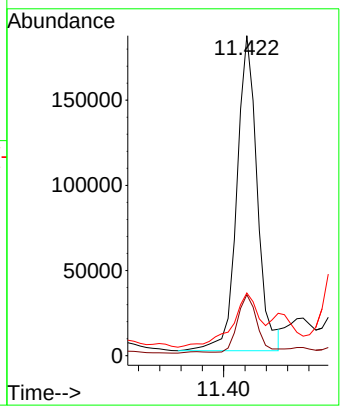


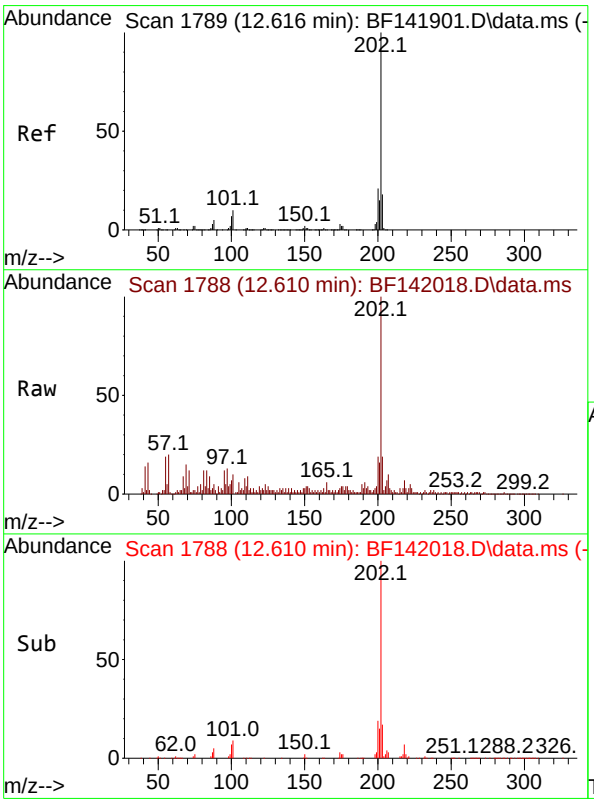
#71
Phenanthrene
Concen: 14.506 ng
RT: 11.422 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142018.D
Acq: 20 Mar 2025 18:35

Instrument :
BNA_F
ClientSampleId :
CHRT28607

Tgt Ion:178 Resp: 246692

Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.8	23.8
179	19.6	12.6	19.0#

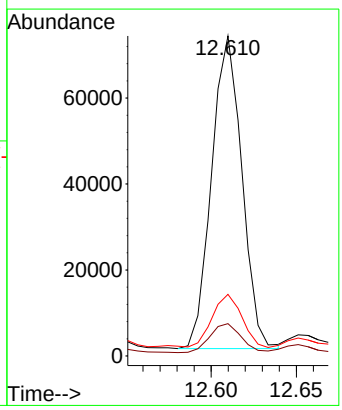


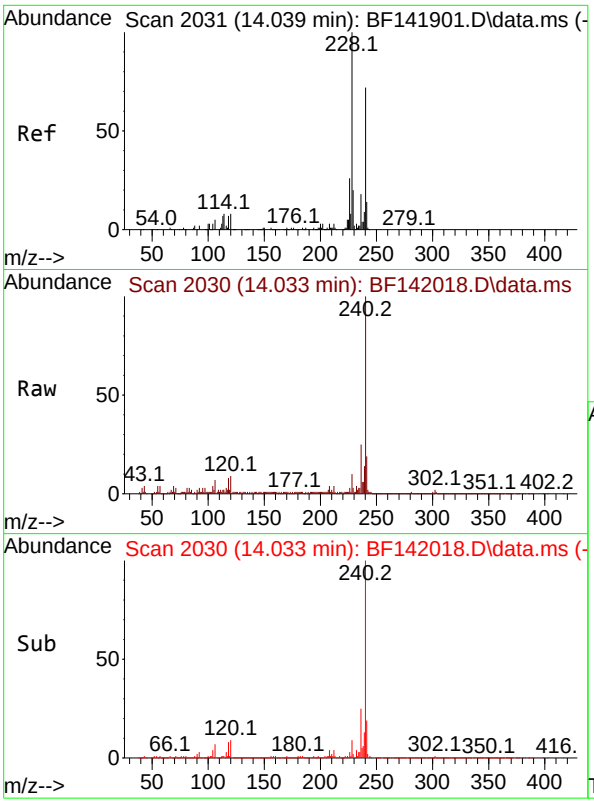


#75
Fluoranthene
Concen: 4.982 ng
RT: 12.610 min Scan# 1788
Delta R.T. -0.006 min
Lab File: BF142018.D
Acq: 20 Mar 2025 18:35

Tgt Ion:202 Resp: 89881

Ion	Ratio	Lower	Upper
202	100		
101	10.1	0.0	29.7
203	19.2	0.0	37.8



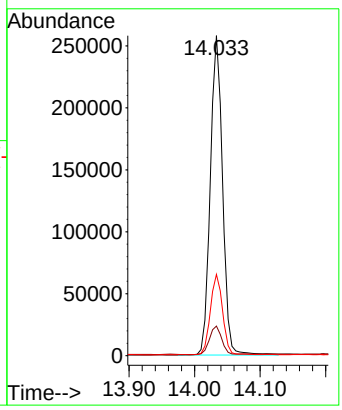


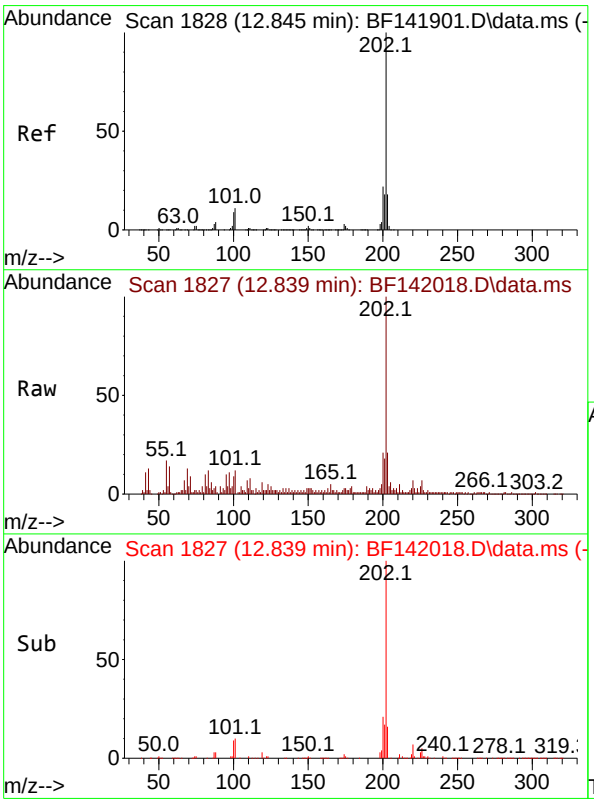
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.033 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF142018.D
Acq: 20 Mar 2025 18:35

Instrument :
BNA_F
ClientSampleId :
CHRT28607

Tgt Ion:240 Resp: 335250

Ion	Ratio	Lower	Upper
240	100		
120	9.2	8.4	12.6
236	25.4	20.5	30.7

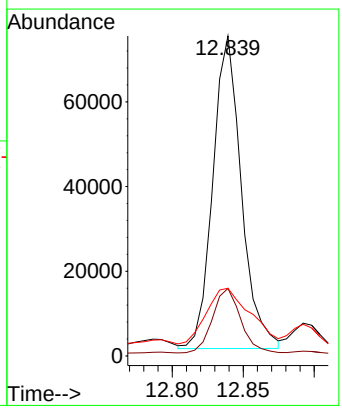


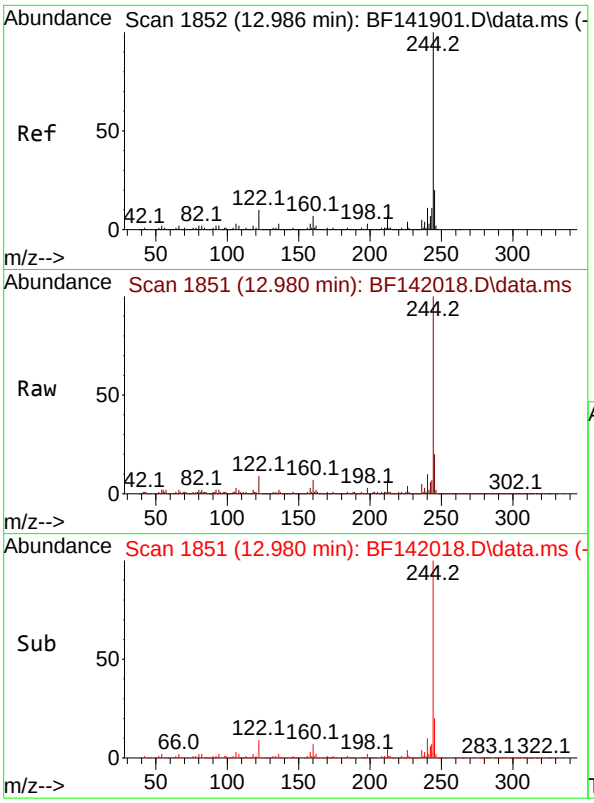


#78
Pyrene
Concen: 3.553 ng
RT: 12.839 min Scan# 1827
Delta R.T. -0.006 min
Lab File: BF142018.D
Acq: 20 Mar 2025 18:35

Tgt Ion:202 Resp: 103034

Ion	Ratio	Lower	Upper
202	100		
200	21.1	17.3	25.9
203	21.1	14.4	21.6



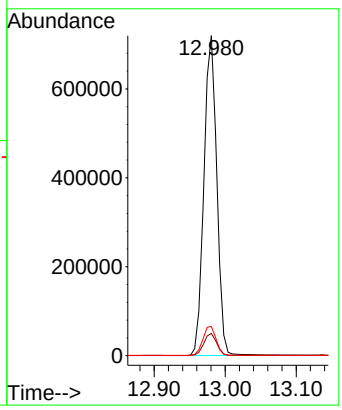


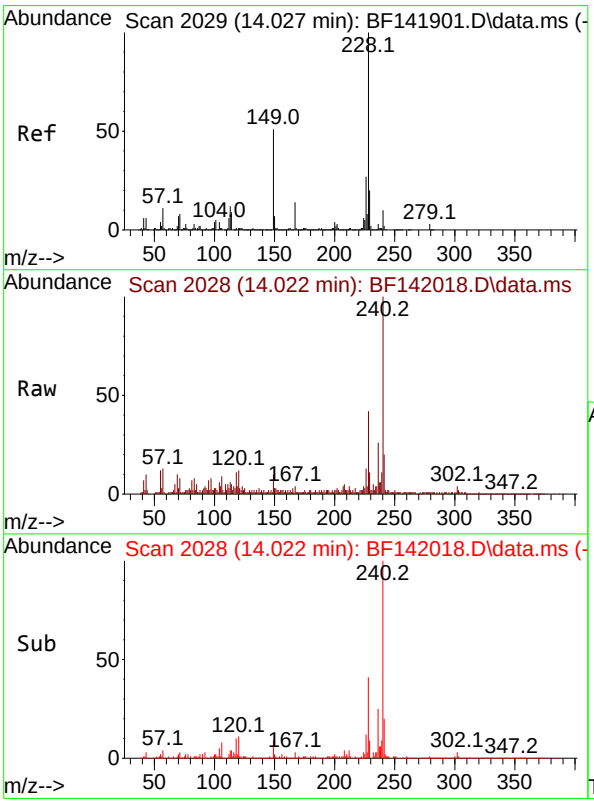
#79
Terphenyl-d14
Concen: 40.106 ng
RT: 12.980 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142018.D
Acq: 20 Mar 2025 18:35

Instrument :
BNA_F
ClientSampleId :
CHRT28607

Tgt Ion:244 Resp: 909433

Ion	Ratio	Lower	Upper
244	100		
212	7.0	6.0	9.0
122	9.2	7.7	11.5

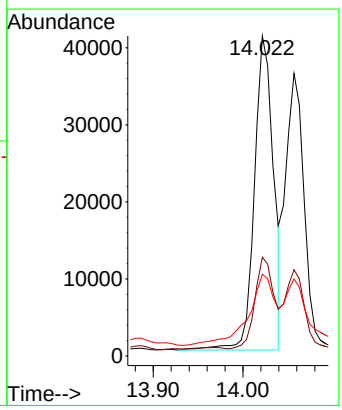


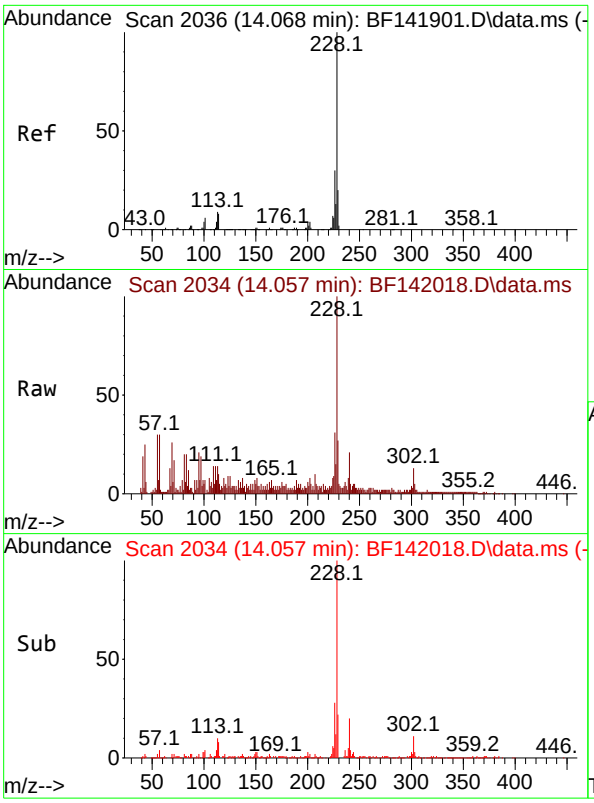


#81
Benzo(a)anthracene
Concen: 2.731 ng
RT: 14.022 min Scan# 2028
Delta R.T. -0.006 min
Lab File: BF142018.D
Acq: 20 Mar 2025 18:35

Tgt Ion:228 Resp: 60086

Ion	Ratio	Lower	Upper
228	100		
226	30.8	21.8	32.8
229	25.5	16.0	24.0#



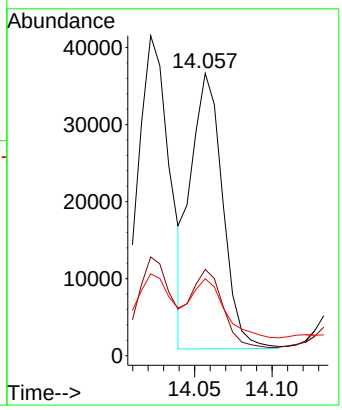


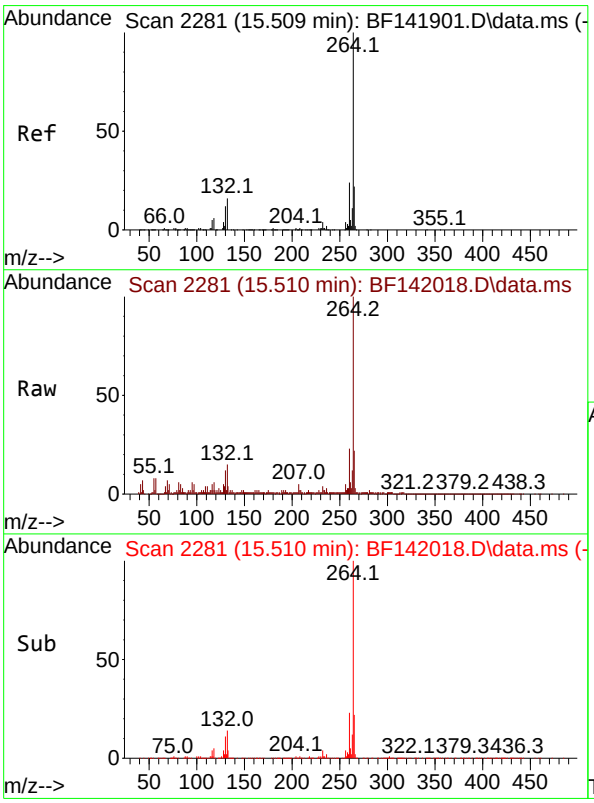
#83
Chrysene
Concen: 2.559 ng
RT: 14.057 min Scan# 2
Delta R.T. -0.012 min
Lab File: BF142018.D
Acq: 20 Mar 2025 18:35

Instrument :
BNA_F
ClientSampleId :
CHRT28607

Tgt Ion:228 Resp: 51038

Ion	Ratio	Lower	Upper
228	100		
226	30.5	24.1	36.1
229	27.2	15.7	23.5#

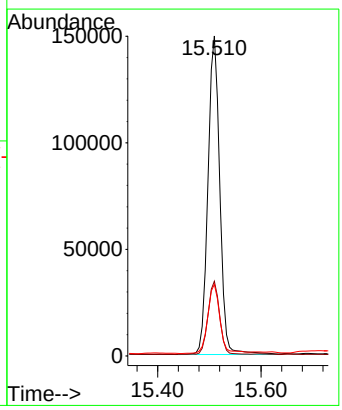


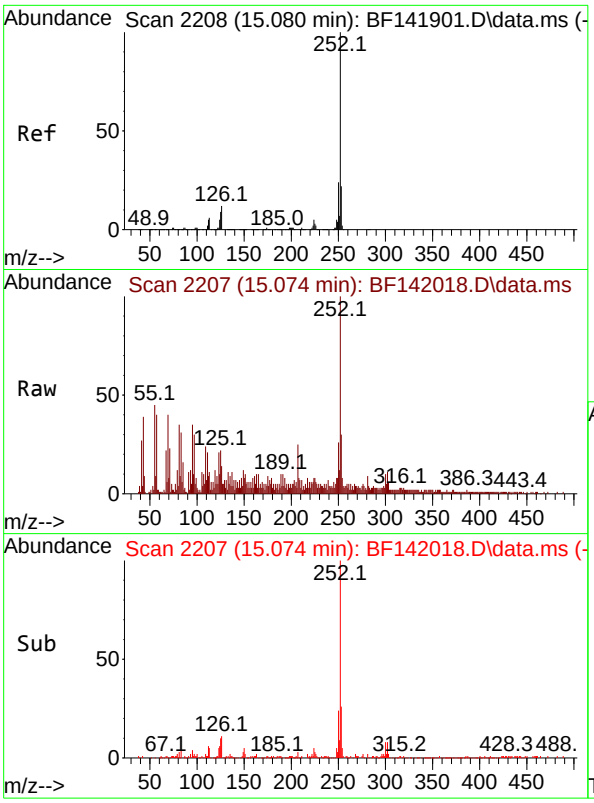


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.510 min Scan# 2281
Delta R.T. 0.000 min
Lab File: BF142018.D
Acq: 20 Mar 2025 18:35

Tgt Ion:264 Resp: 237631

Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.1	28.7
265	22.4	17.5	26.3



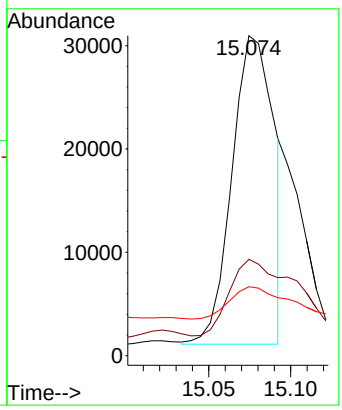


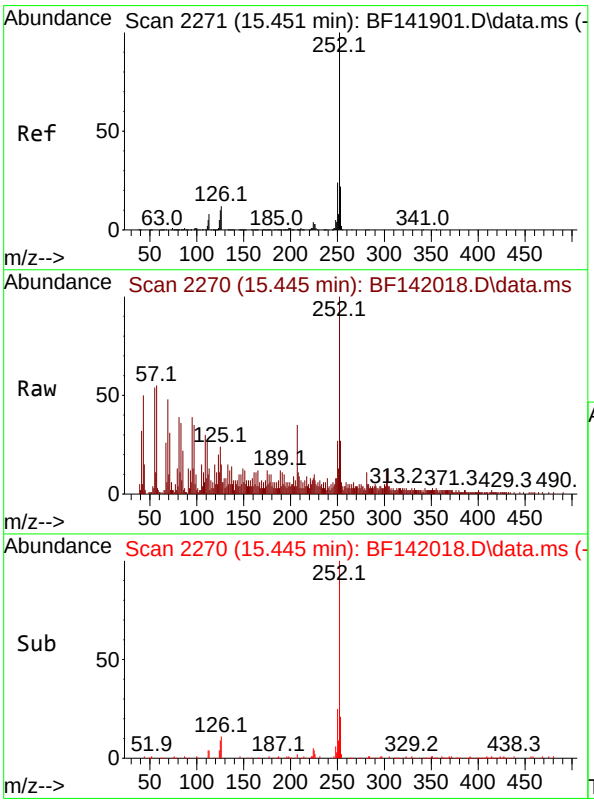
#88
Benzo(b)fluoranthene
Concen: 3.261 ng m
RT: 15.074 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF142018.D
Acq: 20 Mar 2025 18:35

Instrument :
BNA_F
ClientSampleId :
CHRT28607

Tgt Ion:252 Resp: 53107

Ion	Ratio	Lower	Upper
252	100		
253	30.1	17.5	26.3#
125	21.6	7.0	10.4#





#90
Benzo(a)pyrene
Concen: 2.887 ng
RT: 15.445 min Scan# 2270
Delta R.T. -0.006 min
Lab File: BF142018.D
Acq: 20 Mar 2025 18:35

Tgt Ion:252 Resp: 36784

Ion	Ratio	Lower	Upper
252	100		
253	27.1	17.4	26.0#
125	24.3	7.8	11.8#