Quantitation Report (LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022125\
Data File : BF141723.D
Acq On : 21 Feb 2025 16:47
Operator : RC/JU
Sample : Q1388-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
72-12016

Quant Time: Feb 21 17:10:26 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 06 16:58:59 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.775	152	91282	20.000	ng	-0.02
21) Naphthalene-d8	8.063	136	363068	20.000	ng	-0.01
39) Acenaphthene-d10	9.810	164	197117	20.000	ng	-0.02
64) Phenanthrene-d10	11.298	188	286392	20.000	ng	-0.02
76) Chrysene-d12	13.933	240	184831	20.000	ng	-0.03
86) Perylene-d12	15.374	264	176569	20.000	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.399	112	546097	93.791	ng	-0.01
7) Phenol-d6	6.416	99	679878	92.385	ng	-0.02
23) Nitrobenzene-d5	7.340	82	446142	64.093	ng	-0.02
42) 2,4,6-Tribromophenol	10.604	330	157725	79.654	ng	-0.02
45) 2-Fluorobiphenyl	9.134	172	842899	65.880	ng	-0.02
79) Terphenyl-d14	12.880	244	650189	59.386	ng	-0.02
Target Compounds						Qvalue
71) Phenanthrene	11.322	178	109513	6.947	ng	99
75) Fluoranthene	12.510	202	94832	5.674	ng	99
78) Pyrene	12.739	202	77624	4.933	ng	99
81) Benzo(a)anthracene	13.922	228	31830m	2.591	ng	
83) Chrysene	13.957	228	35218	3.104	ng	96
88) Benzo(b)fluoranthene	14.963	252	47273m	3.987	ng	
90) Benzo(a)pyrene	15.316	252	25136	2.620	ng	95

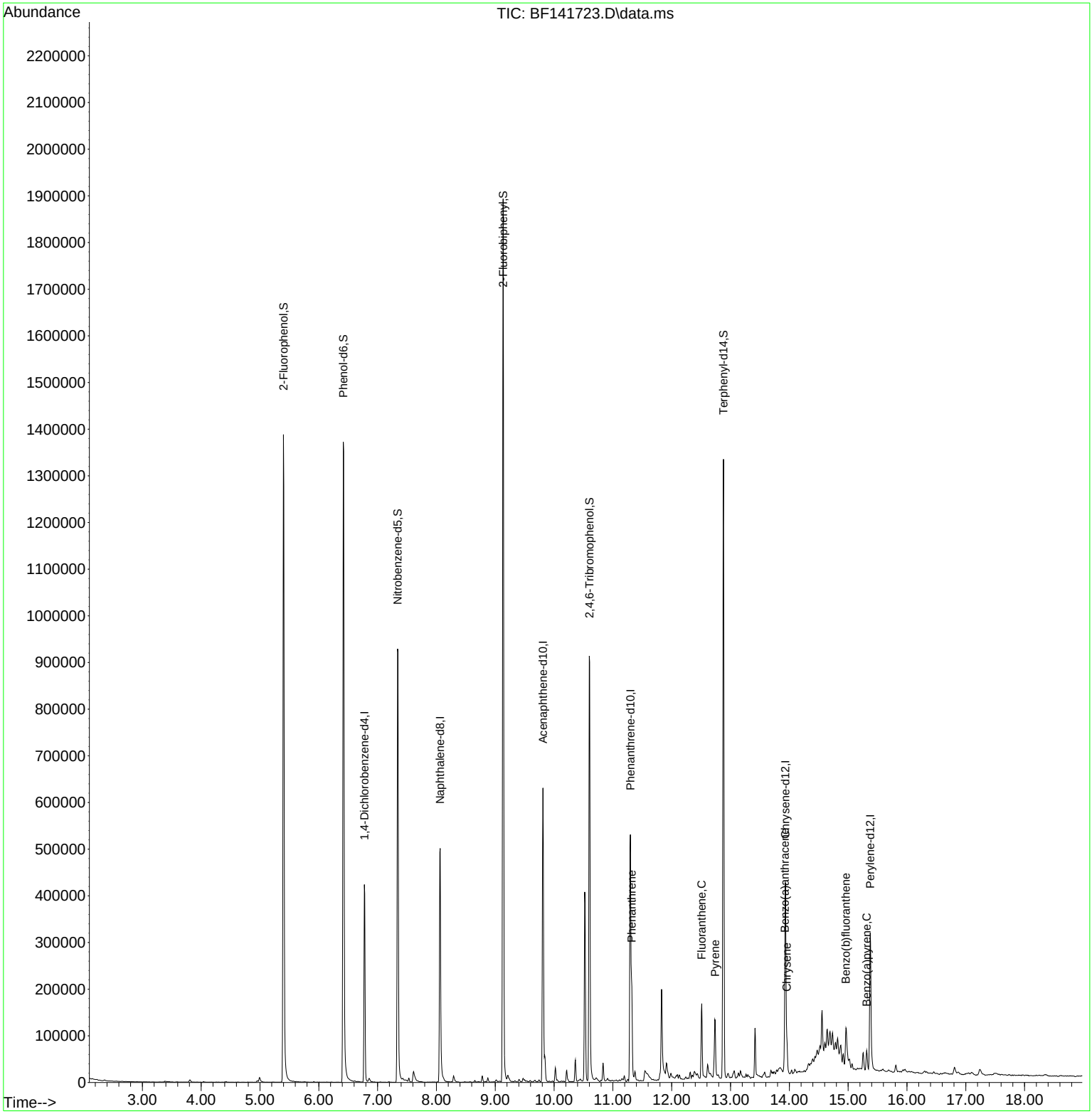
(#) = qualifier out of range (m) = manual integration (+) = signals summed

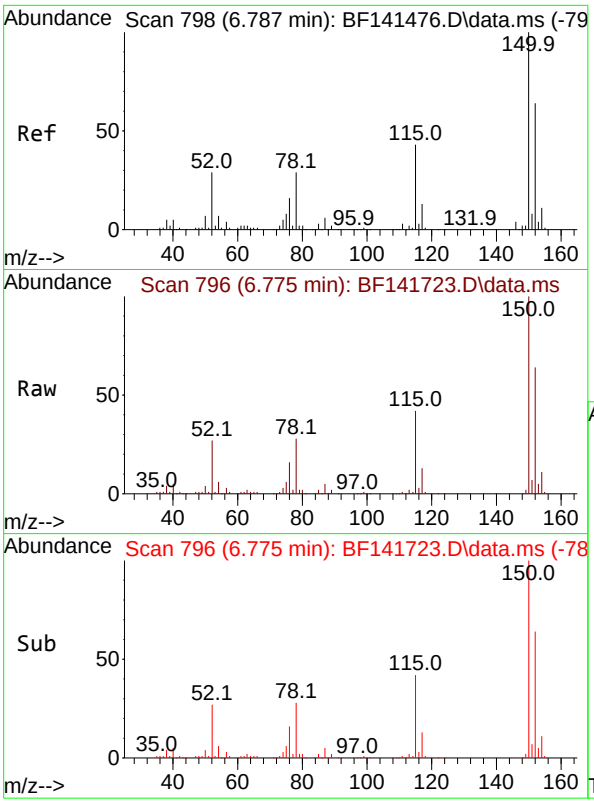
Quantitation Report (LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022125\
Data File : BF141723.D
Acq On : 21 Feb 2025 16:47
Operator : RC/JU
Sample : Q1388-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
72-12016

Quant Time: Feb 21 17:10:26 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 06 16:58:59 2025
Response via : Initial Calibration



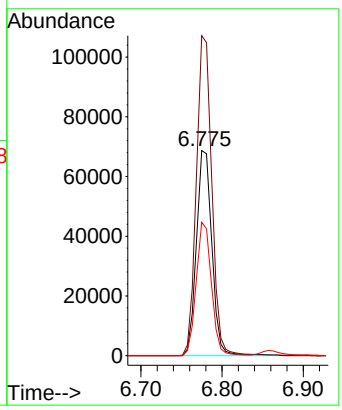


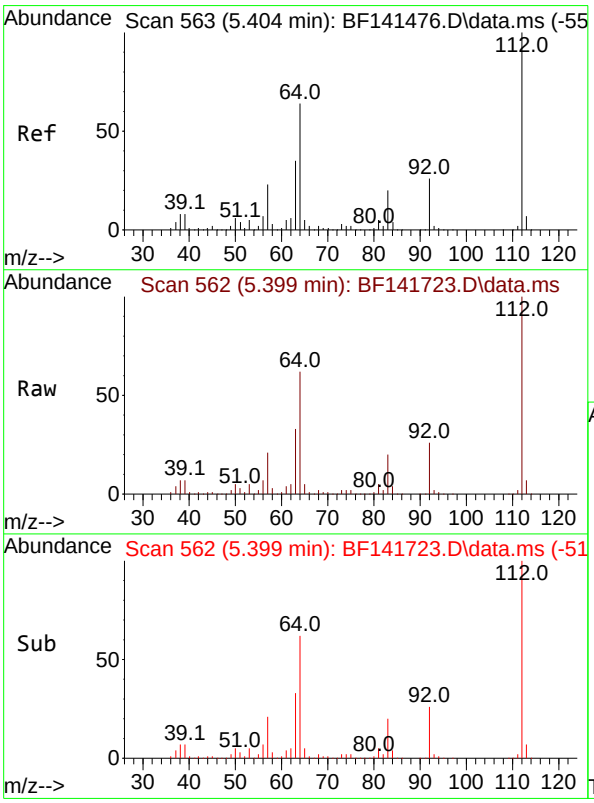
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.775 min Scan# 7
Delta R.T. -0.017 min
Lab File: BF141723.D
Acq: 21 Feb 2025 16:47

Instrument :
BNA_F
ClientSampleId :
72-12016

Tgt Ion:152 Resp: 91282

Ion	Ratio	Lower	Upper
152	100		
150	156.0	125.0	187.4
115	65.0	53.6	80.4

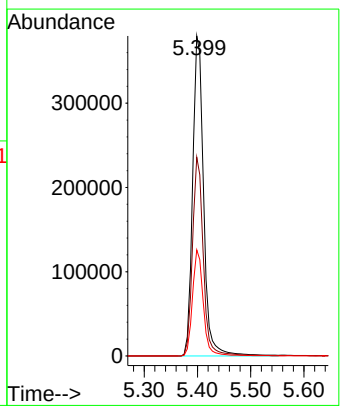


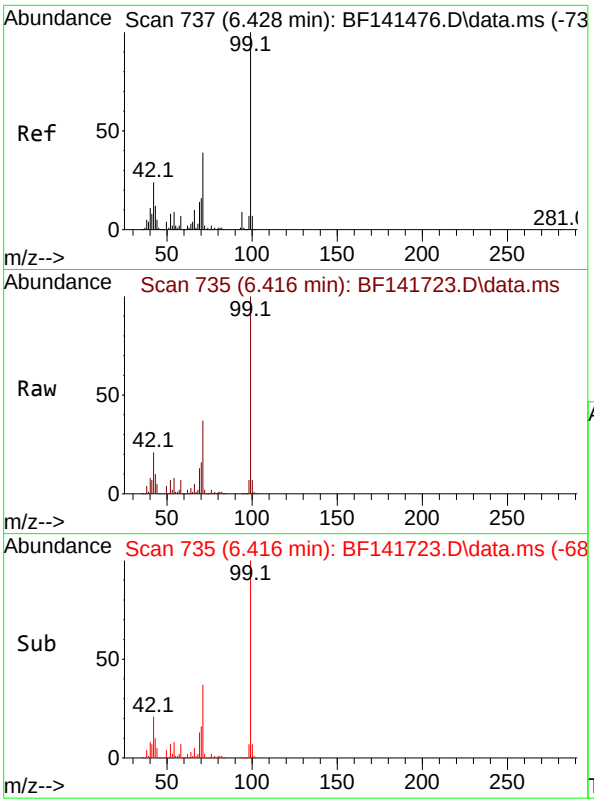


#5
2-Fluorophenol
Concen: 93.791 ng
RT: 5.399 min Scan# 562
Delta R.T. -0.011 min
Lab File: BF141723.D
Acq: 21 Feb 2025 16:47

Tgt Ion:112 Resp: 546097

Ion	Ratio	Lower	Upper
112	100		
64	62.1	51.1	76.7
63	33.2	28.4	42.6



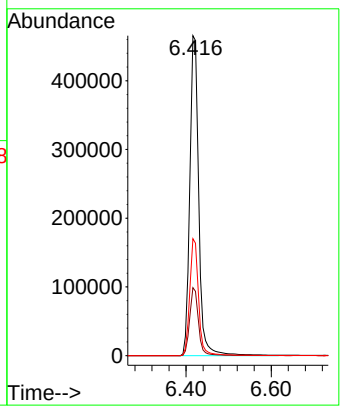


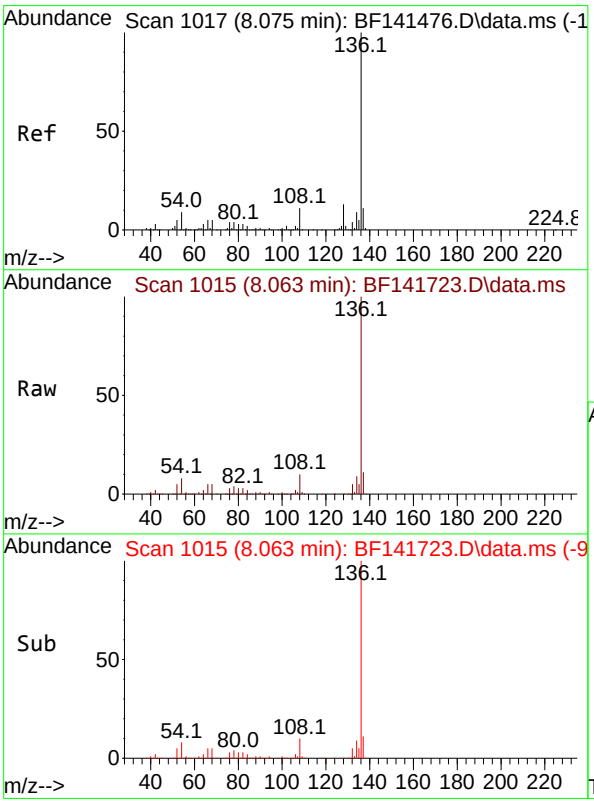
#7
Phenol-d6
Concen: 92.385 ng
RT: 6.416 min Scan# 7
Delta R.T. -0.023 min
Lab File: BF141723.D
Acq: 21 Feb 2025 16:47

Instrument :
BNA_F
ClientSampleId :
72-12016

Tgt Ion: 99 Resp: 679878

Ion	Ratio	Lower	Upper
99	100		
42	21.2	19.1	28.7
71	36.5	31.1	46.7

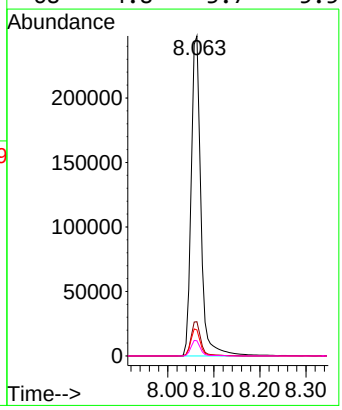


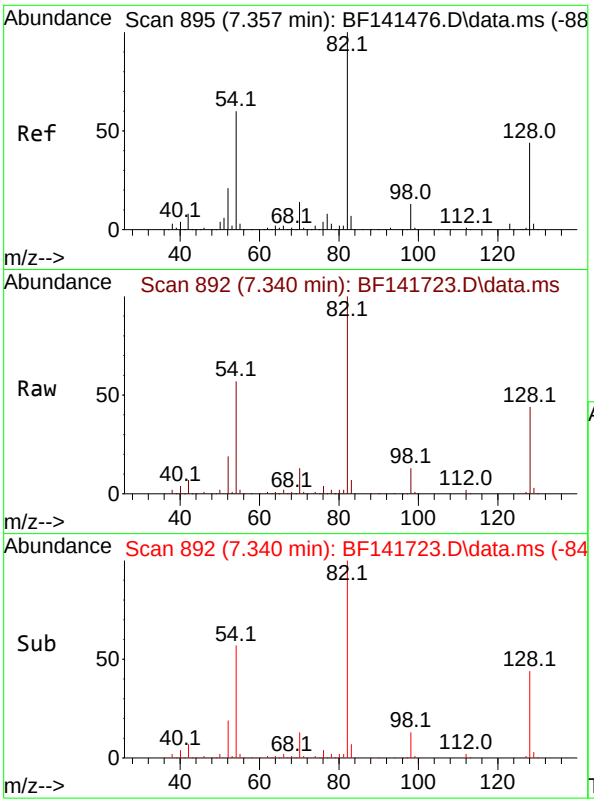


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.063 min Scan# 1015
Delta R.T. -0.011 min
Lab File: BF141723.D
Acq: 21 Feb 2025 16:47

Tgt Ion:136 Resp: 363068

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.6	13.0
54	8.2	7.2	10.8
68	4.8	3.7	5.5



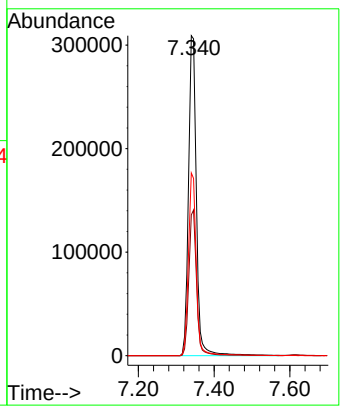


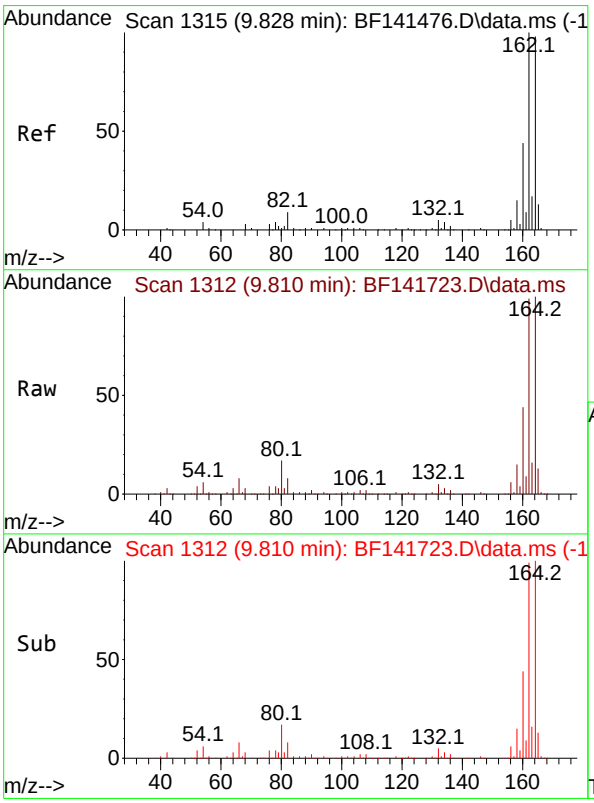
#23
Nitrobenzene-d5
Concen: 64.093 ng
RT: 7.340 min Scan# 8
Delta R.T. -0.023 min
Lab File: BF141723.D
Acq: 21 Feb 2025 16:47

Instrument :
BNA_F
ClientSampleId :
72-12016

Tgt Ion: 82 Resp: 446142

Ion	Ratio	Lower	Upper
82	100		
128	44.0	34.8	52.2
54	57.1	48.2	72.4

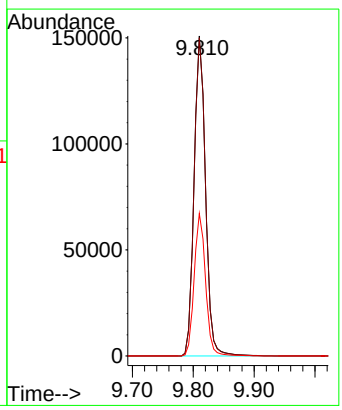


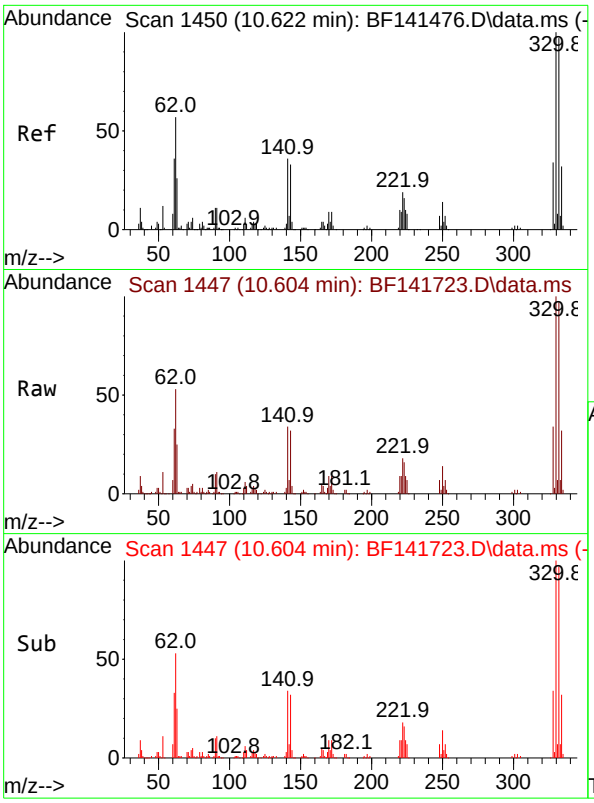


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.810 min Scan# 1312
Delta R.T. -0.023 min
Lab File: BF141723.D
Acq: 21 Feb 2025 16:47

Tgt Ion:164 Resp: 197117

Ion	Ratio	Lower	Upper
164	100		
162	99.4	81.3	121.9
160	44.5	35.9	53.9



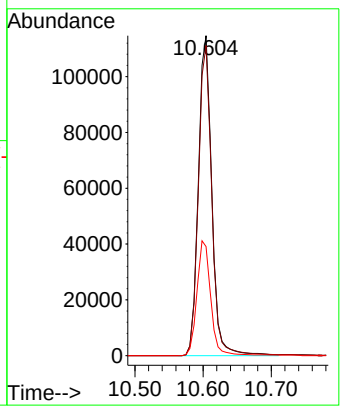


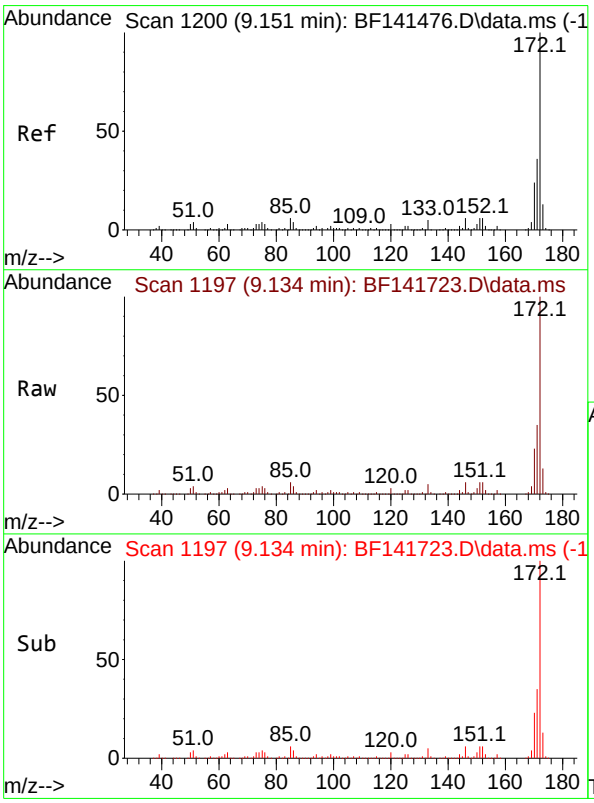
#42
2,4,6-Tribromophenol
Concen: 79.654 ng
RT: 10.604 min Scan# 14
Delta R.T. -0.023 min
Lab File: BF141723.D
Acq: 21 Feb 2025 16:47

Instrument :
BNA_F
ClientSampleId :
72-12016

Tgt Ion:330 Resp: 157725

Ion	Ratio	Lower	Upper
330	100		
332	97.6	78.5	117.7
141	36.9	31.0	46.4

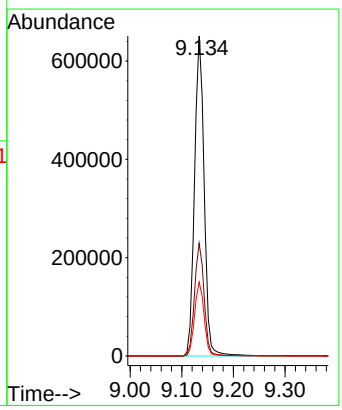


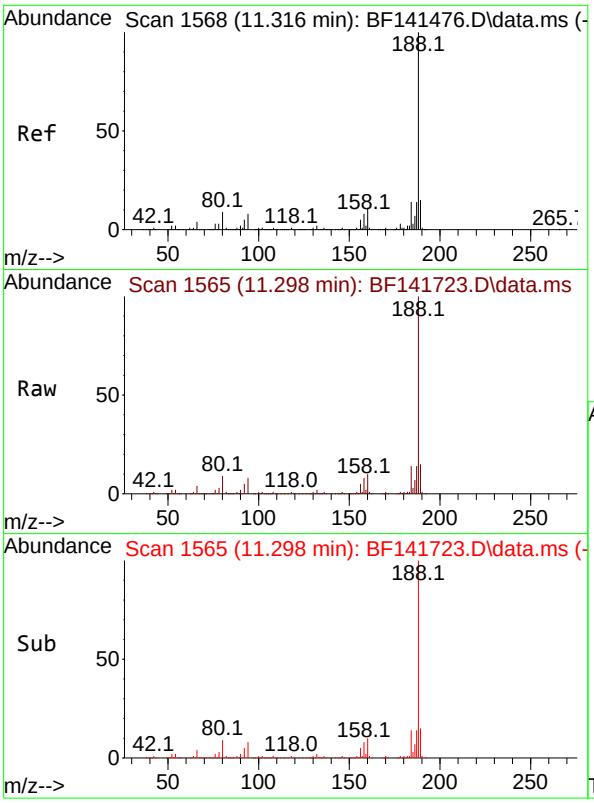


#45
2-Fluorobiphenyl
Concen: 65.880 ng
RT: 9.134 min Scan# 1197
Delta R.T. -0.017 min
Lab File: BF141723.D
Acq: 21 Feb 2025 16:47

Tgt Ion:172 Resp: 842899

Ion	Ratio	Lower	Upper
172	100		
171	35.2	28.7	43.1
170	23.1	18.9	28.3



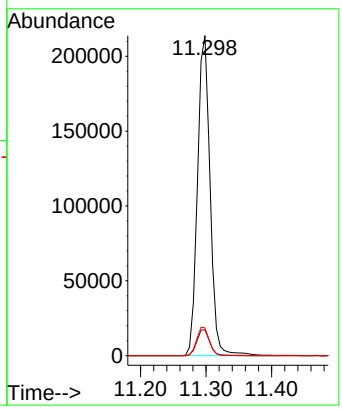


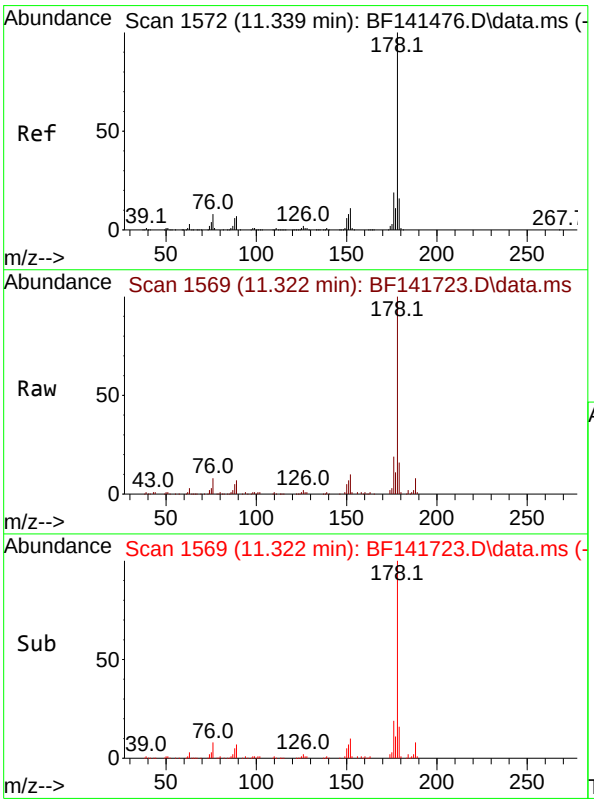
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.298 min Scan# 1
Delta R.T. -0.017 min
Lab File: BF141723.D
Acq: 21 Feb 2025 16:47

Instrument :
BNA_F
ClientSampleId :
72-12016

Tgt Ion:188 Resp: 286392

Ion	Ratio	Lower	Upper
188	100		
94	8.1	6.6	10.0
80	8.7	7.3	10.9

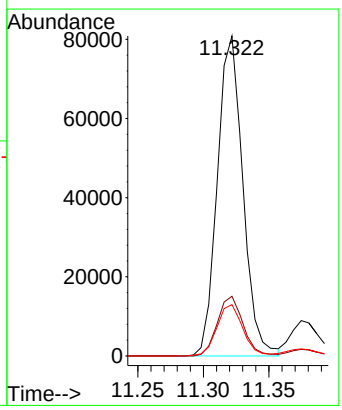


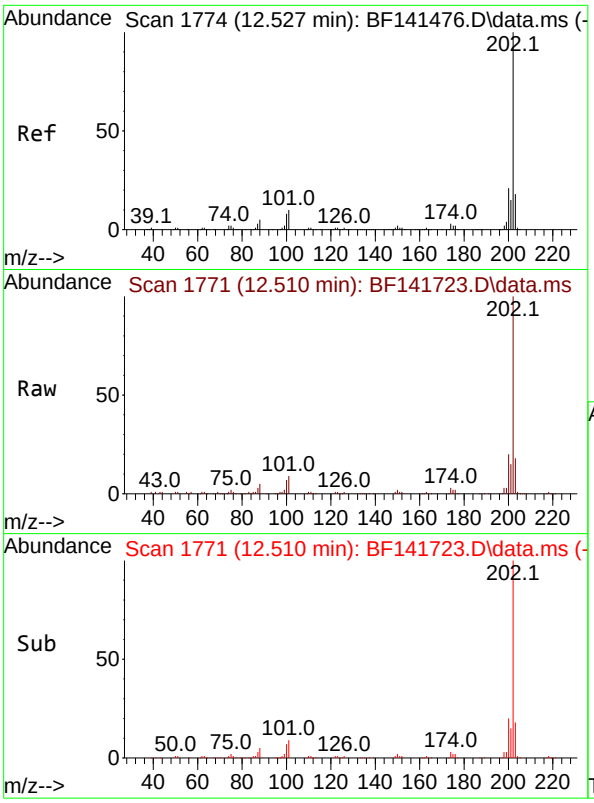


#71
Phenanthrene
Concen: 6.947 ng
RT: 11.322 min Scan# 1569
Delta R.T. -0.023 min
Lab File: BF141723.D
Acq: 21 Feb 2025 16:47

Tgt Ion:178 Resp: 109513

Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.4	23.0
179	16.0	12.4	18.6



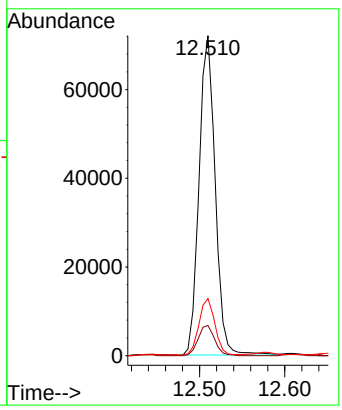


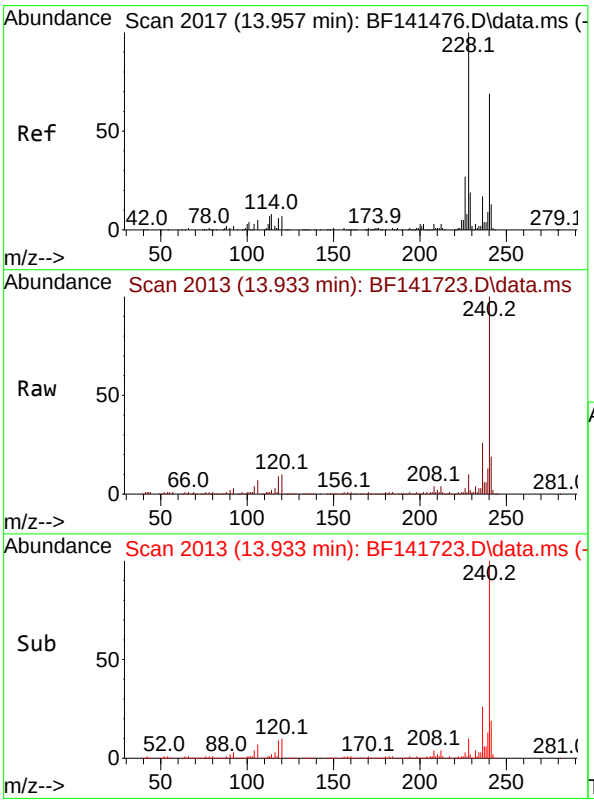
#75
Fluoranthene
Concen: 5.674 ng
RT: 12.510 min Scan# 1
Delta R.T. -0.023 min
Lab File: BF141723.D
Acq: 21 Feb 2025 16:47

Instrument :
BNA_F
ClientSampleId :
72-12016

Tgt Ion:202 Resp: 94832

Ion	Ratio	Lower	Upper
202	100		
101	9.5	0.0	30.2
203	17.9	0.0	37.6

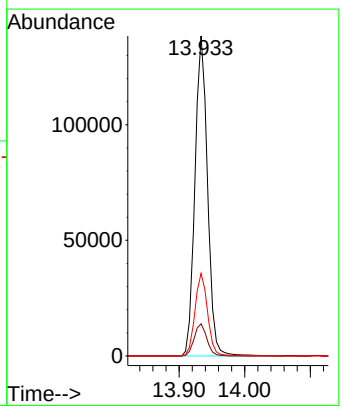


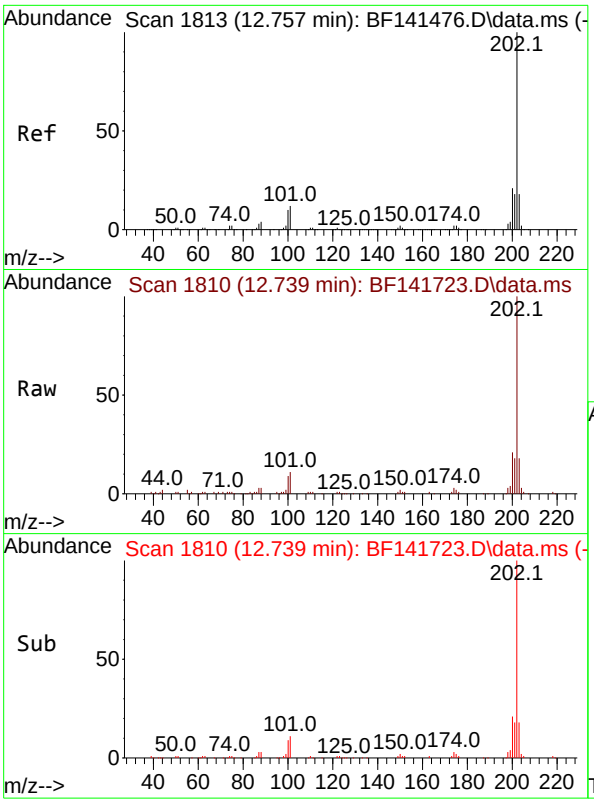


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.933 min Scan# 2013
Delta R.T. -0.029 min
Lab File: BF141723.D
Acq: 21 Feb 2025 16:47

Tgt Ion:240 Resp: 184831

Ion	Ratio	Lower	Upper
240	100		
120	10.1	8.0	12.0
236	25.8	19.8	29.8



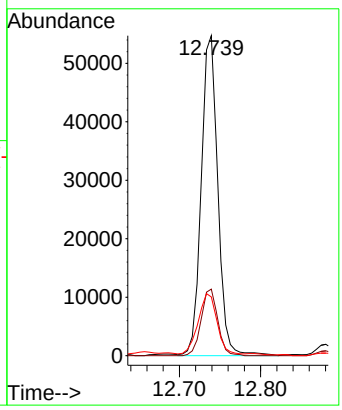


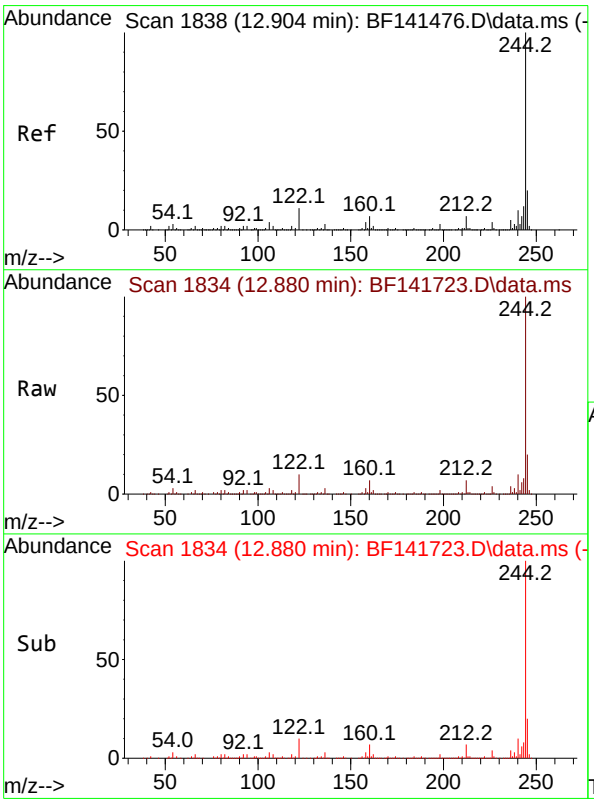
#78
Pyrene
Concen: 4.933 ng
RT: 12.739 min Scan# 1
Delta R.T. -0.023 min
Lab File: BF141723.D
Acq: 21 Feb 2025 16:47

Instrument :
BNA_F
ClientSampleId :
72-12016

Tgt Ion:202 Resp: 77624

Ion	Ratio	Lower	Upper
202	100		
200	20.8	17.0	25.4
203	18.4	14.3	21.5

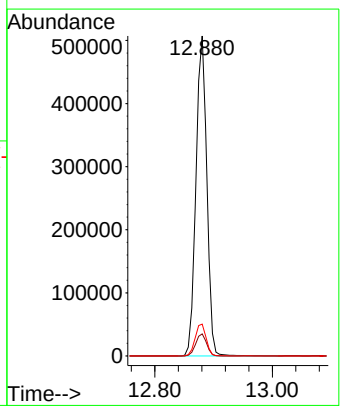


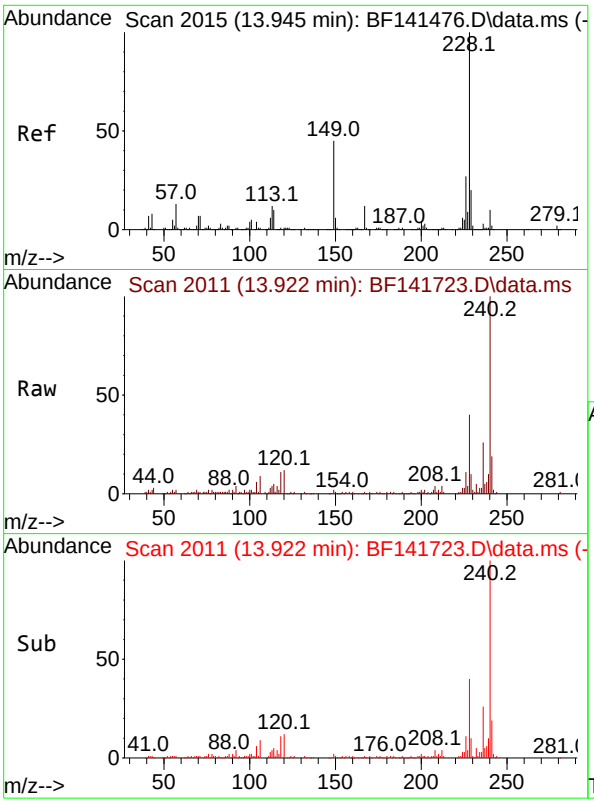


#79
Terphenyl-d14
Concen: 59.386 ng
RT: 12.880 min Scan# 1834
Delta R.T. -0.023 min
Lab File: BF141723.D
Acq: 21 Feb 2025 16:47

Tgt Ion:244 Resp: 650189

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.6	8.4
122	10.0	8.4	12.6



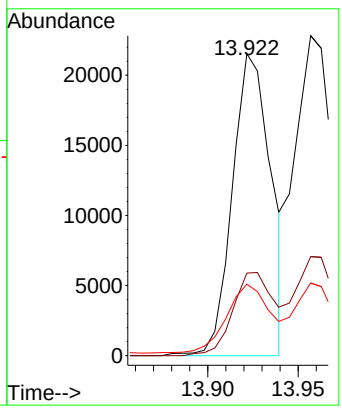


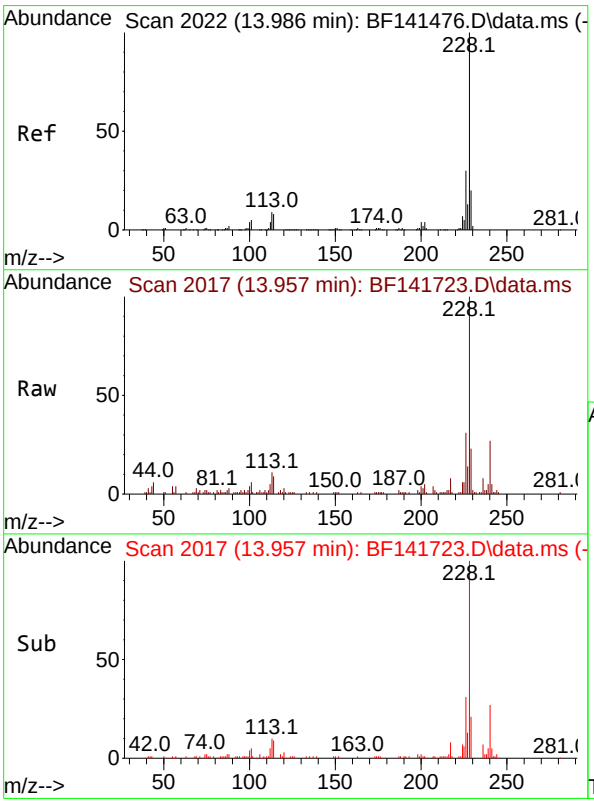
#81
Benzo(a)anthracene
Concen: 2.591 ng m
RT: 13.922 min Scan# 2
Delta R.T. -0.029 min
Lab File: BF141723.D
Acq: 21 Feb 2025 16:47

Instrument :
BNA_F
ClientSampleId :
72-12016

Tgt Ion:228 Resp: 31830

Ion	Ratio	Lower	Upper
228	100		
226	27.4	21.8	32.8
229	23.7	15.8	23.6#

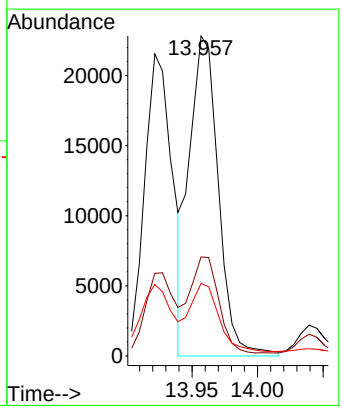


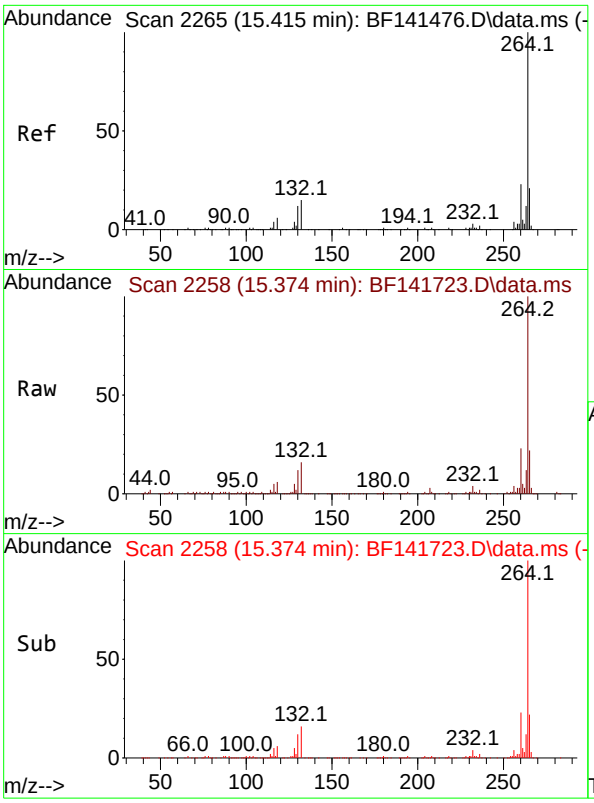


#83
Chrysene
Concen: 3.104 ng
RT: 13.957 min Scan# 2017
Delta R.T. -0.035 min
Lab File: BF141723.D
Acq: 21 Feb 2025 16:47

Tgt Ion:228 Resp: 35218

Ion	Ratio	Lower	Upper
228	100		
226	31.0	24.0	36.0
229	22.7	15.7	23.5



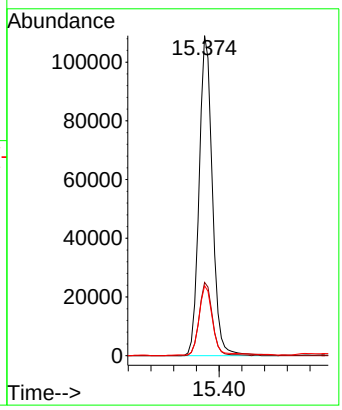


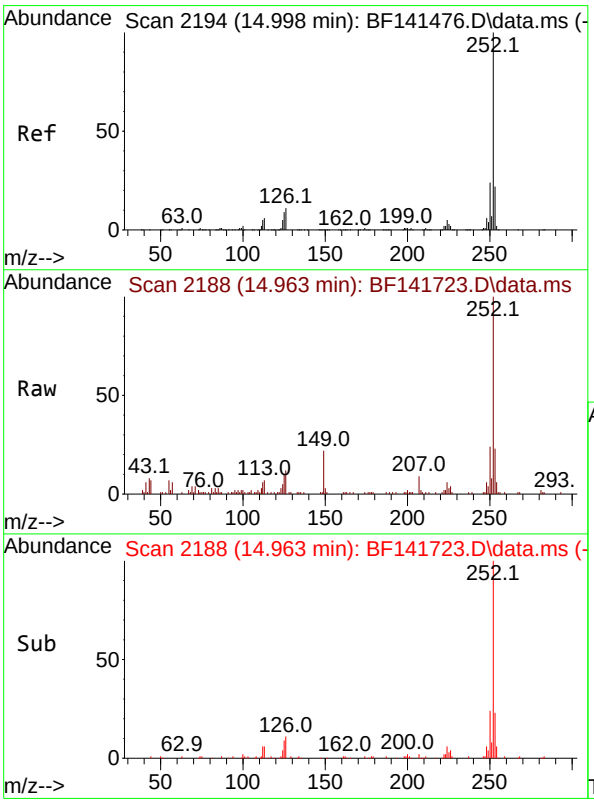
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.374 min Scan# 2
Delta R.T. -0.041 min
Lab File: BF141723.D
Acq: 21 Feb 2025 16:47

Instrument :
BNA_F
ClientSampleId :
72-12016

Tgt Ion:264 Resp: 176569

Ion	Ratio	Lower	Upper
264	100		
260	22.9	18.6	28.0
265	21.8	17.0	25.4

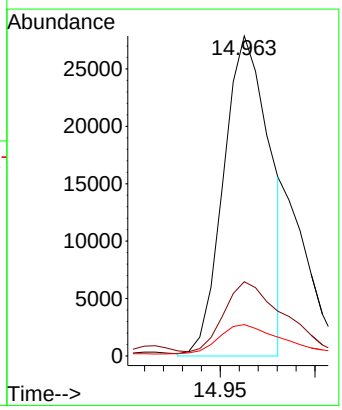


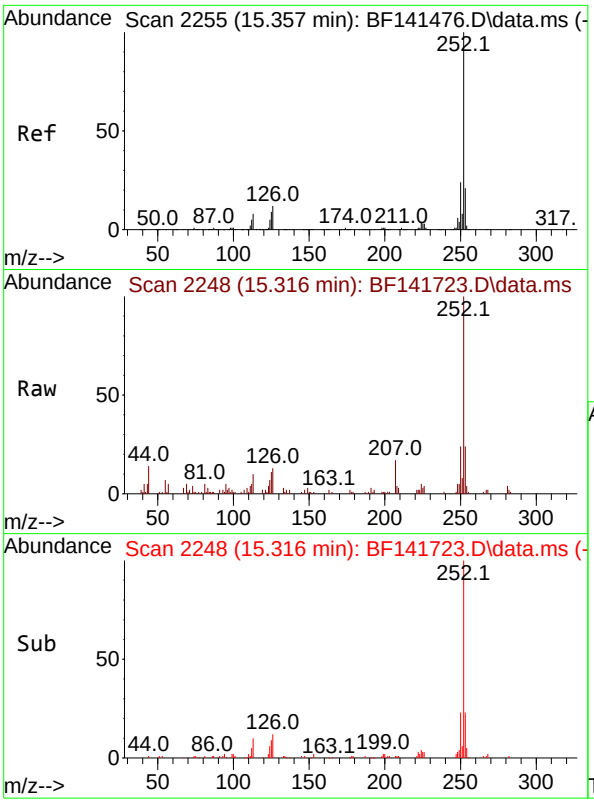


#88
Benzo(b)fluoranthene
Concen: 3.987 ng m
RT: 14.963 min Scan# 2188
Delta R.T. -0.041 min
Lab File: BF141723.D
Acq: 21 Feb 2025 16:47

Tgt Ion:252 Resp: 47273

Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.5	26.3
125	9.8	7.0	10.6





#90
Benzo(a)pyrene
Concen: 2.620 ng
RT: 15.316 min Scan# 2
Delta R.T. -0.047 min
Lab File: BF141723.D
Acq: 21 Feb 2025 16:47

Instrument :
BNA_F
ClientSampleId :
72-12016

Tgt Ion:252 Resp: 25136

Ion	Ratio	Lower	Upper
252	100		
253	24.1	17.1	25.7
125	10.9	7.4	11.2