Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052722\
Data File : BF128507.D
Acq On : 27 May 2022 13:39
Operator : CG\JU
Sample : N3056-09
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-02

Quant Time: May 27 23:18:08 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 27 01:51:59 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	194710	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	694264	20.000	ng	0.00
39) Acenaphthene-d10	9.880	164	425947	20.000	ng	0.00
64) Phenanthrene-d10	11.368	188	783057	20.000	ng	0.00
76) Chrysene-d12	14.004	240	474507	20.000	ng	0.00
86) Perylene-d12	15.468	264	393683	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	576123	49.011	ng	0.00
7) Phenol-d6	6.469	99	644027	42.970	ng	0.00
23) Nitrobenzene-d5	7.416	82	1166885	96.959	ng	0.00
42) 2,4,6-Tribromophenol	10.674	330	600666	148.155	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	2232276	85.143	ng	0.00
79) Terphenyl-d14	12.957	244	2414583	98.310	ng	0.00
Target Compounds						Qvalue
27) 2,4-Dimethylphenol	7.781	122	156191	15.802	ng	97
31) Naphthalene	8.157	128	5761041	169.543	ng	94
37) 2-Methylnaphthalene	8.839	142	1144298	53.352	ng	99
38) 1-Methylnaphthalene	8.939	142	956363	45.846	ng	98
58) Fluorene	10.427	166	60423	2.542	ng	98
71) Phenanthrene	11.386	178	109403	2.949	ng	98
73) Carbazole	11.592	167	222603	6.269	ng	99

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

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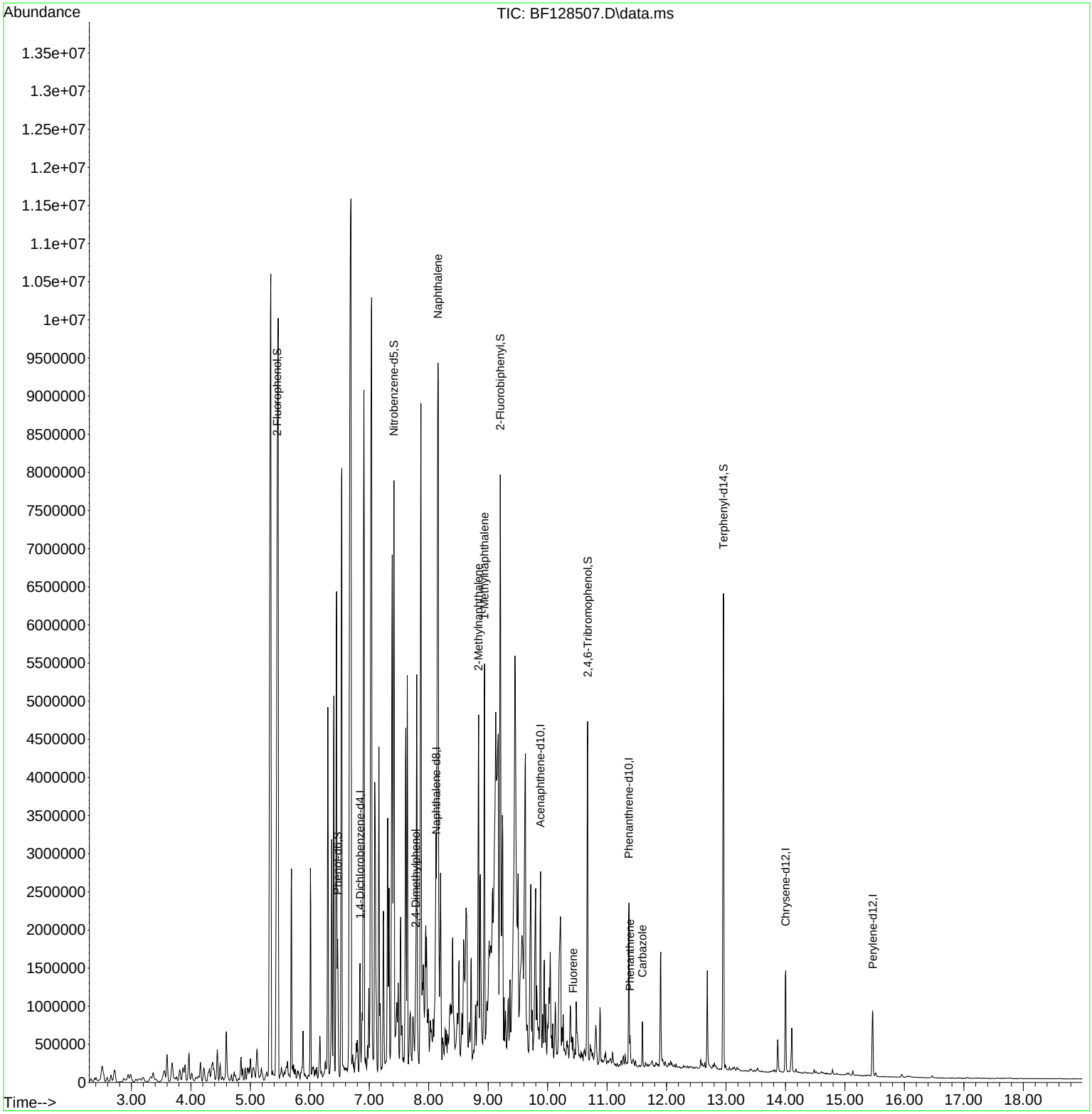
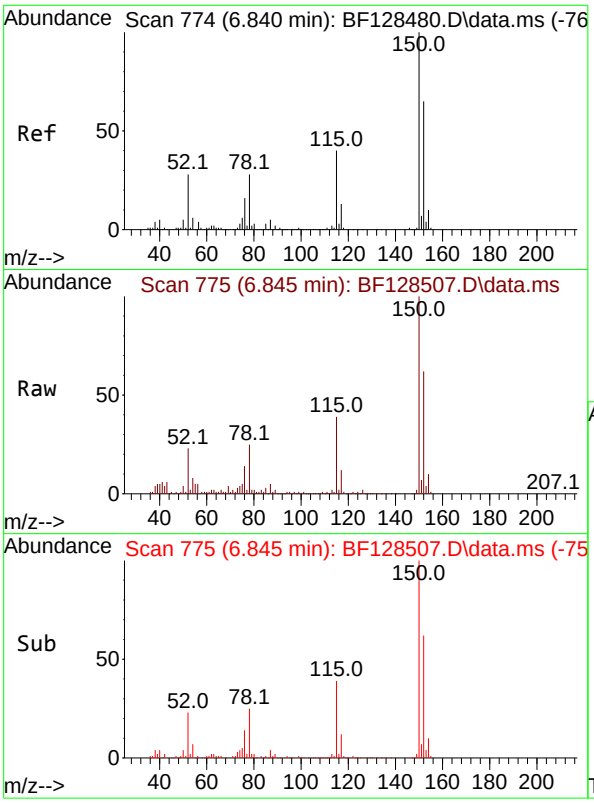


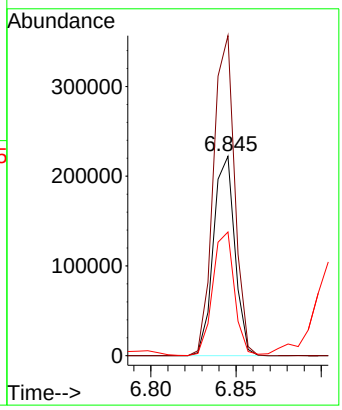


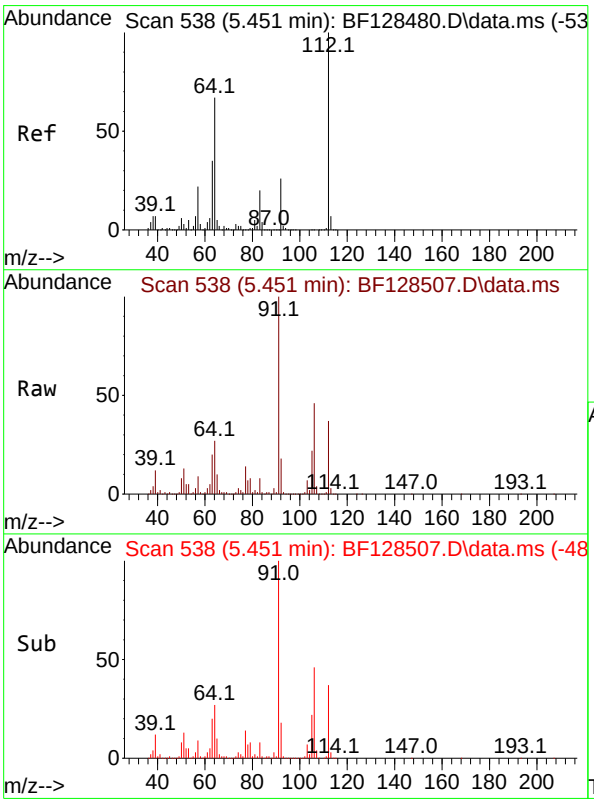
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.845 min Scan# 7
Delta R.T. 0.005 min
Lab File: BF128507.D
Acq: 27 May 2022 13:39

Instrument :
BNA_F
ClientSampleId :
MW-02

Tgt Ion:152 Resp: 194710

Ion	Ratio	Lower	Upper
152	100		
150	160.5	123.7	185.5
115	62.0	49.9	74.9

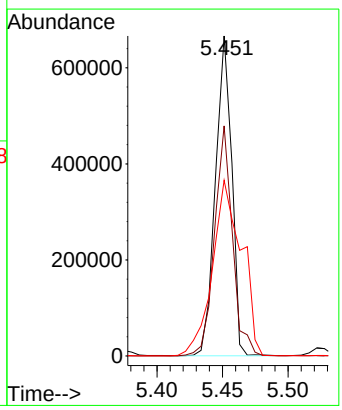


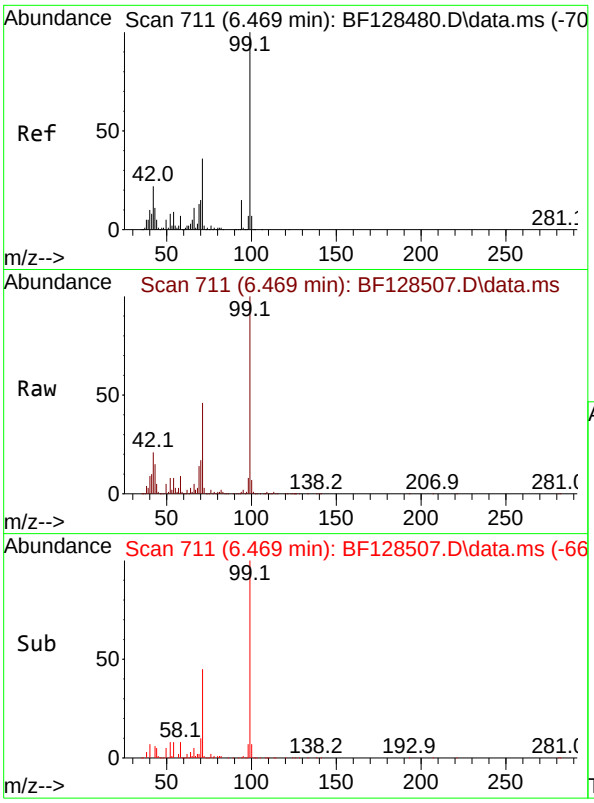


#5
2-Fluorophenol
Concen: 49.011 ng
RT: 5.451 min Scan# 538
Delta R.T. -0.000 min
Lab File: BF128507.D
Acq: 27 May 2022 13:39

Tgt Ion:112 Resp: 576123

Ion	Ratio	Lower	Upper
112	100		
64	71.9	53.3	79.9
63	54.9	28.0	42.0#



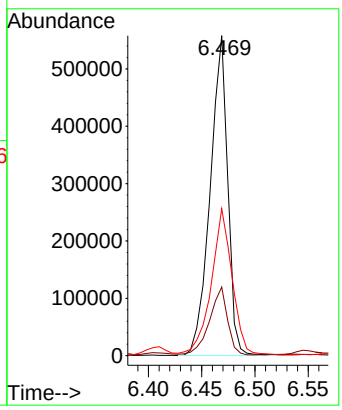


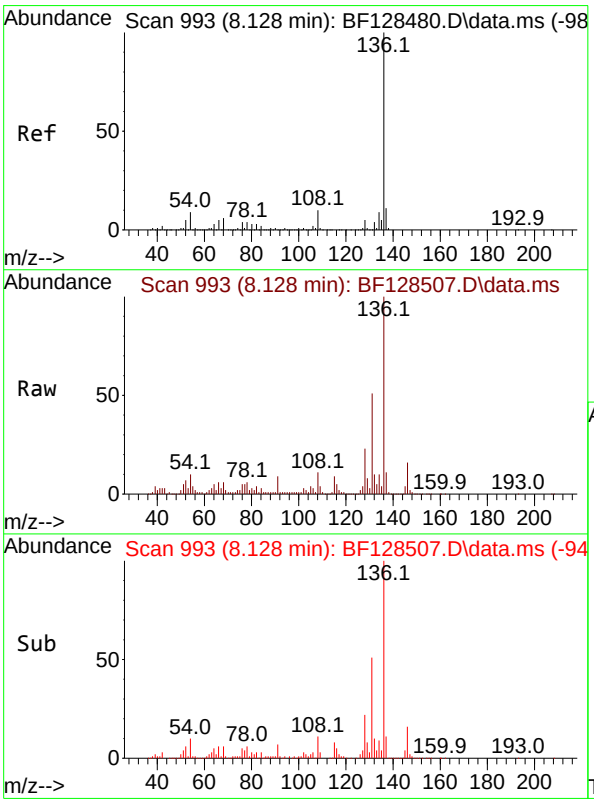
#7
Phenol-d6
Concen: 42.970 ng
RT: 6.469 min Scan# 7
Delta R.T. -0.000 min
Lab File: BF128507.D
Acq: 27 May 2022 13:39

Instrument :
BNA_F
ClientSampleId :
MW-02

Tgt Ion: 99 Resp: 644027

Ion	Ratio	Lower	Upper
99	100		
42	21.5	17.3	25.9
71	46.0	28.9	43.3#

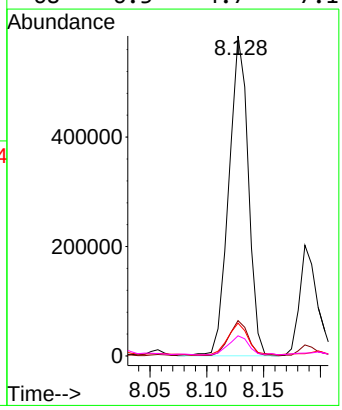


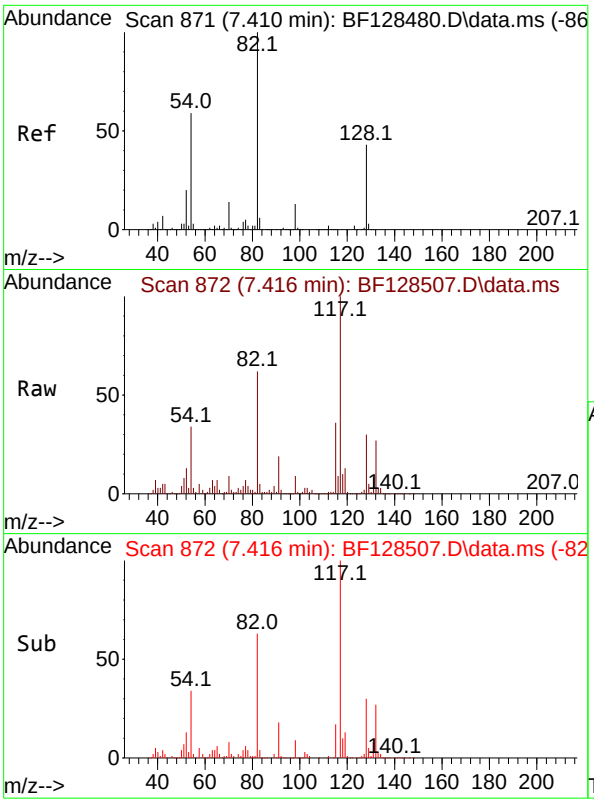


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.128 min Scan# 993
Delta R.T. -0.000 min
Lab File: BF128507.D
Acq: 27 May 2022 13:39

Tgt Ion:136 Resp: 694264

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	10.3	7.5	11.3
68	6.3	4.7	7.1



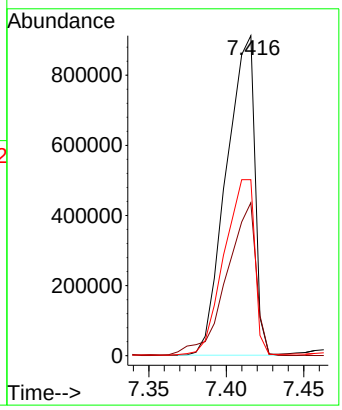


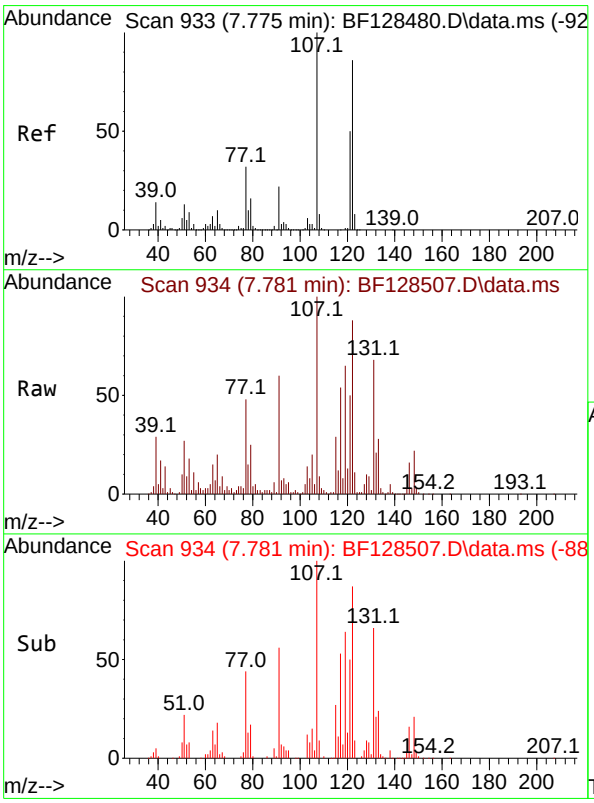
#23
Nitrobenzene-d5
Concen: 96.959 ng
RT: 7.416 min Scan# 8
Delta R.T. 0.006 min
Lab File: BF128507.D
Acq: 27 May 2022 13:39

Instrument :
BNA_F
ClientSampleId :
MW-02

Tgt Ion: 82 Resp: 1166885

Ion	Ratio	Lower	Upper
82	100		
128	47.8	34.0	51.0
54	55.0	46.9	70.3

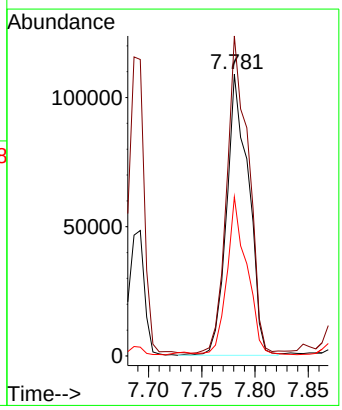


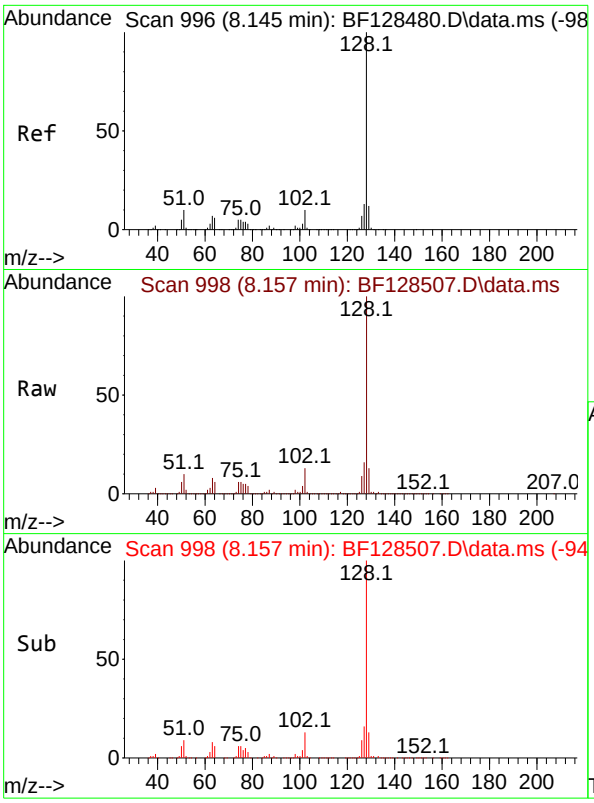


#27
2,4-Dimethylphenol
Concen: 15.802 ng
RT: 7.781 min Scan# 934
Delta R.T. 0.006 min
Lab File: BF128507.D
Acq: 27 May 2022 13:39

Tgt Ion:122 Resp: 156191

Ion	Ratio	Lower	Upper
122	100		
107	113.6	93.0	139.6
121	56.4	46.6	70.0



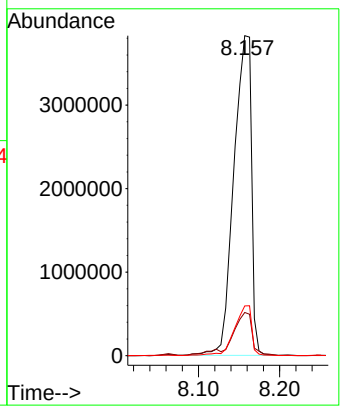


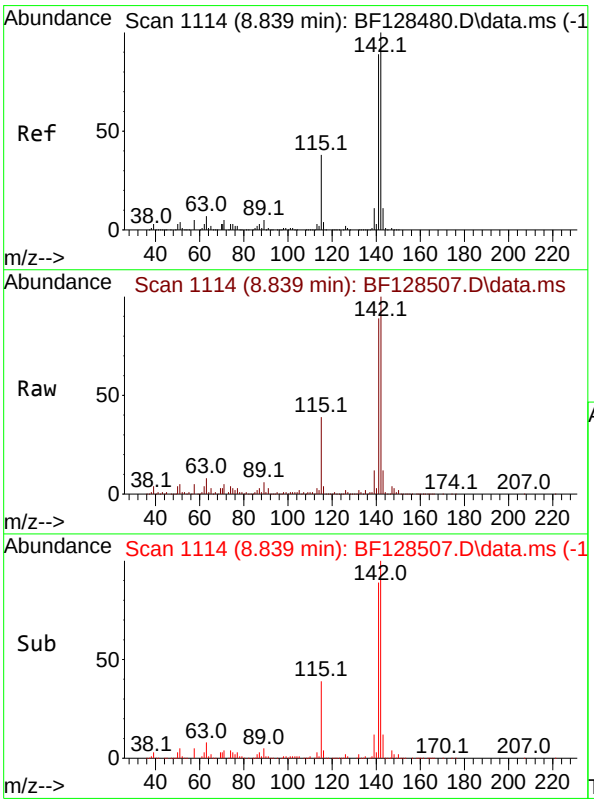
#31
Naphthalene
Concen: 169.543 ng
RT: 8.157 min Scan# 9
Delta R.T. 0.012 min
Lab File: BF128507.D
Acq: 27 May 2022 13:39

Instrument :
BNA_F
ClientSampleId :
MW-02

Tgt Ion:128 Resp: 5761041

Ion	Ratio	Lower	Upper
128	100		
129	13.5	9.2	13.8
127	15.6	10.5	15.7

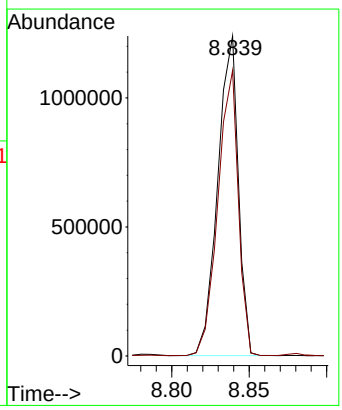


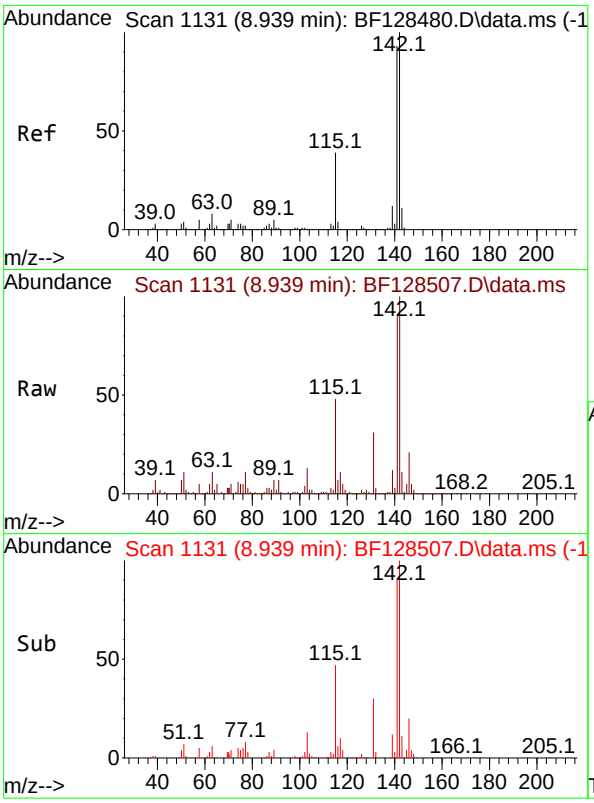


#37
2-Methylnaphthalene
Concen: 53.352 ng
RT: 8.839 min Scan# 1114
Delta R.T. -0.000 min
Lab File: BF128507.D
Acq: 27 May 2022 13:39

Tgt Ion:142 Resp: 1144298

Ion	Ratio	Lower	Upper
142	100		
141	89.2	71.0	106.4



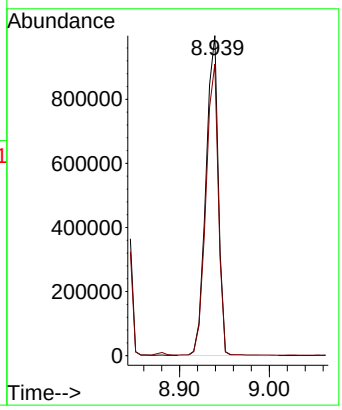


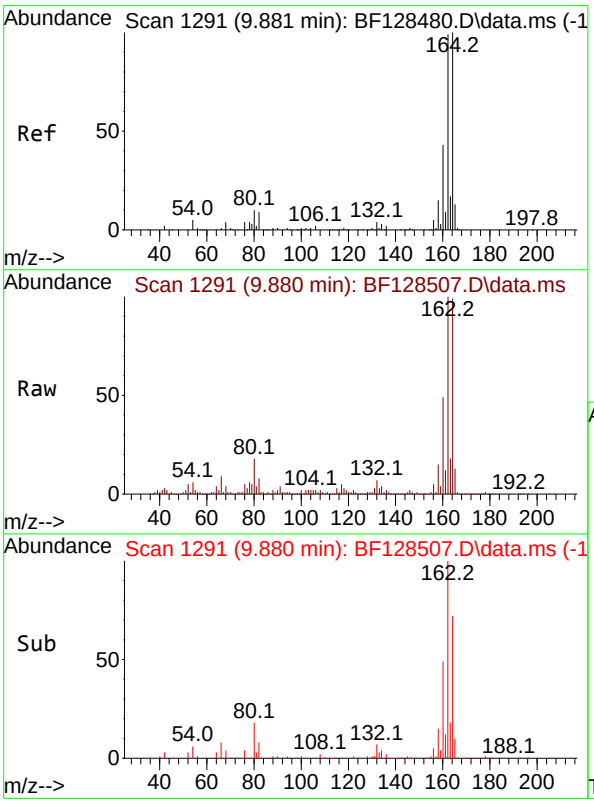
#38
1-Methylnaphthalene
Concen: 45.846 ng
RT: 8.939 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF128507.D
Acq: 27 May 2022 13:39

Instrument :
BNA_F
ClientSampleId :
MW-02

Tgt Ion:142 Resp: 956363

Ion	Ratio	Lower	Upper
142	100		
141	91.1	74.2	111.4

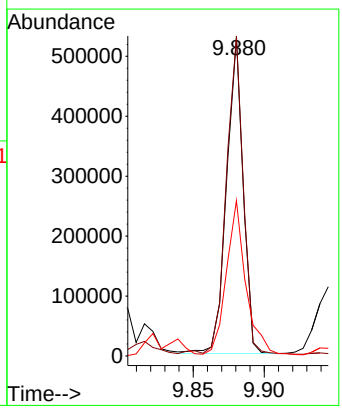


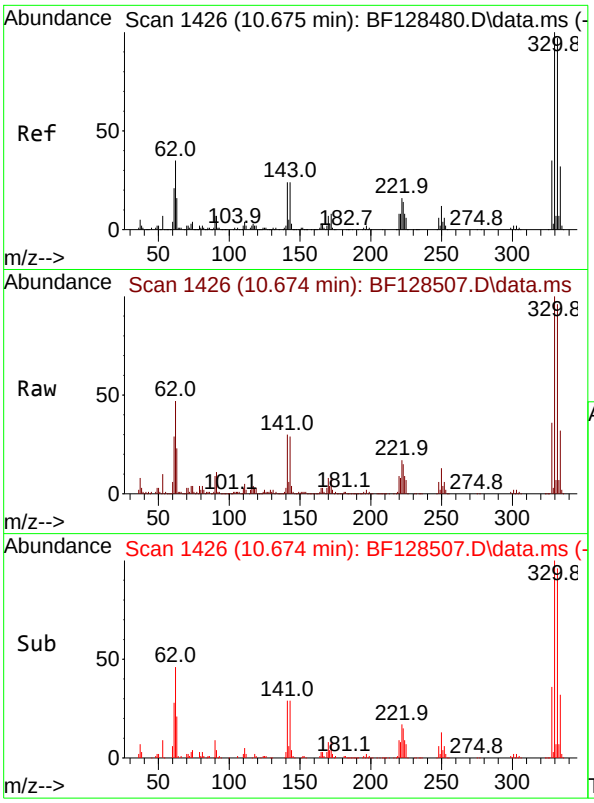


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.880 min Scan# 1291
Delta R.T. -0.001 min
Lab File: BF128507.D
Acq: 27 May 2022 13:39

Tgt Ion:164 Resp: 425947

Ion	Ratio	Lower	Upper
164	100		
162	100.6	79.5	119.3
160	48.8	34.2	51.4



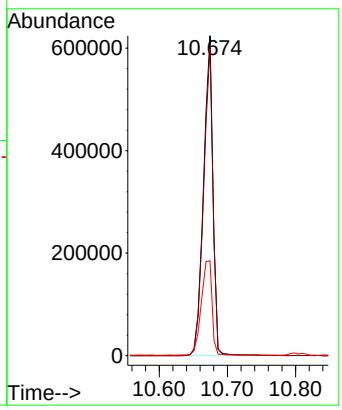


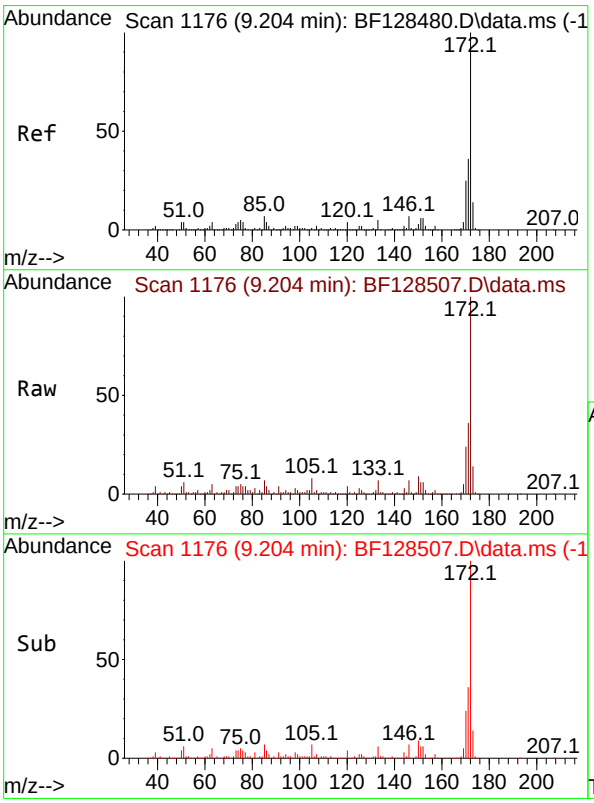
#42
2,4,6-Tribromophenol
Concen: 148.155 ng
RT: 10.674 min Scan# 14
Delta R.T. -0.000 min
Lab File: BF128507.D
Acq: 27 May 2022 13:39

Instrument :
BNA_F
ClientSampleId :
MW-02

Tgt Ion:330 Resp: 600666

Ion	Ratio	Lower	Upper
330	100		
332	96.3	76.8	115.2
141	33.8	28.0	42.0

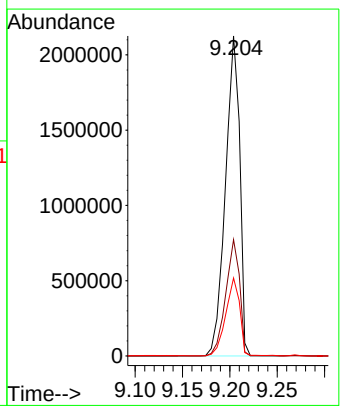


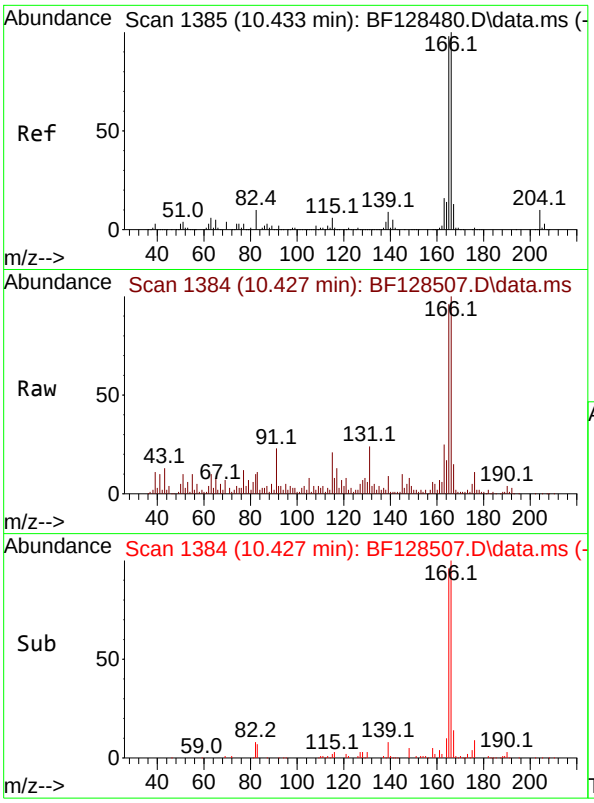


#45
2-Fluorobiphenyl
Concen: 85.143 ng
RT: 9.204 min Scan# 1176
Delta R.T. -0.000 min
Lab File: BF128507.D
Acq: 27 May 2022 13:39

Tgt Ion:172 Resp: 2232276

Ion	Ratio	Lower	Upper
172	100		
171	36.3	28.8	43.2
170	24.4	19.8	29.8



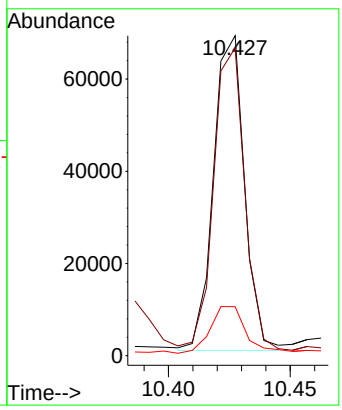


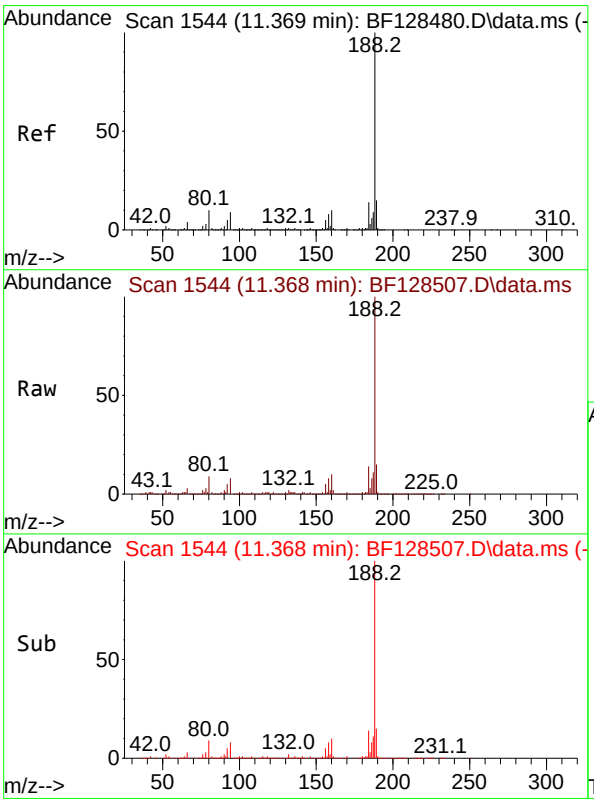
#58
Fluorene
Concen: 2.542 ng
RT: 10.427 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF128507.D
Acq: 27 May 2022 13:39

Instrument :
BNA_F
ClientSampleId :
MW-02

Tgt Ion:166 Resp: 60423

Ion	Ratio	Lower	Upper
166	100		
165	96.2	78.1	117.1
167	15.3	10.5	15.7

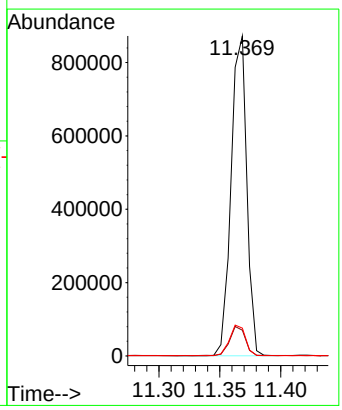


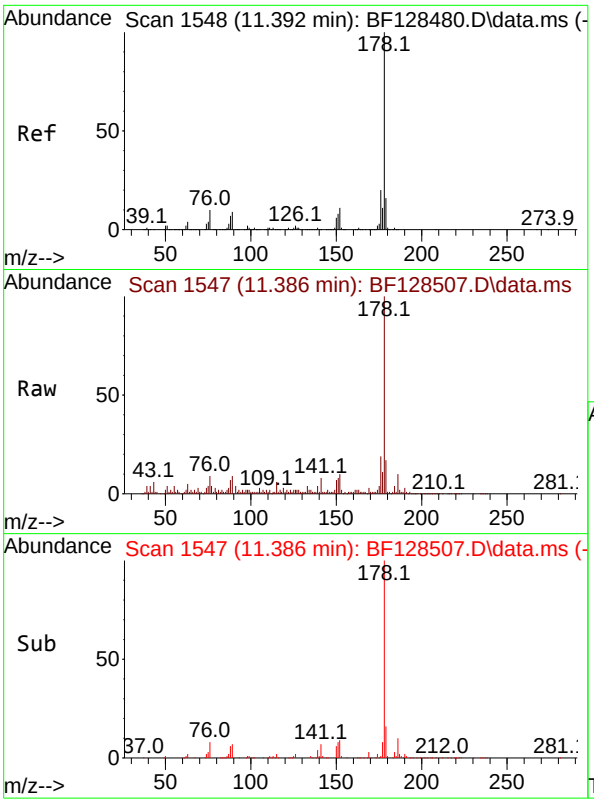


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.368 min Scan# 1544
Delta R.T. -0.000 min
Lab File: BF128507.D
Acq: 27 May 2022 13:39

Tgt Ion:188 Resp: 783057

Ion	Ratio	Lower	Upper
188	100		
94	8.0	7.0	10.6
80	8.7	7.6	11.4



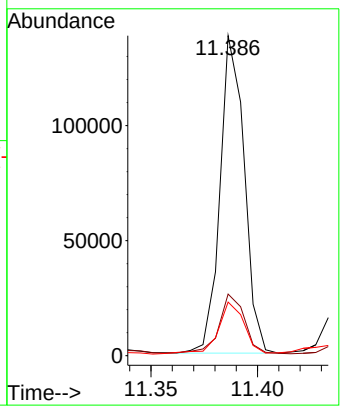


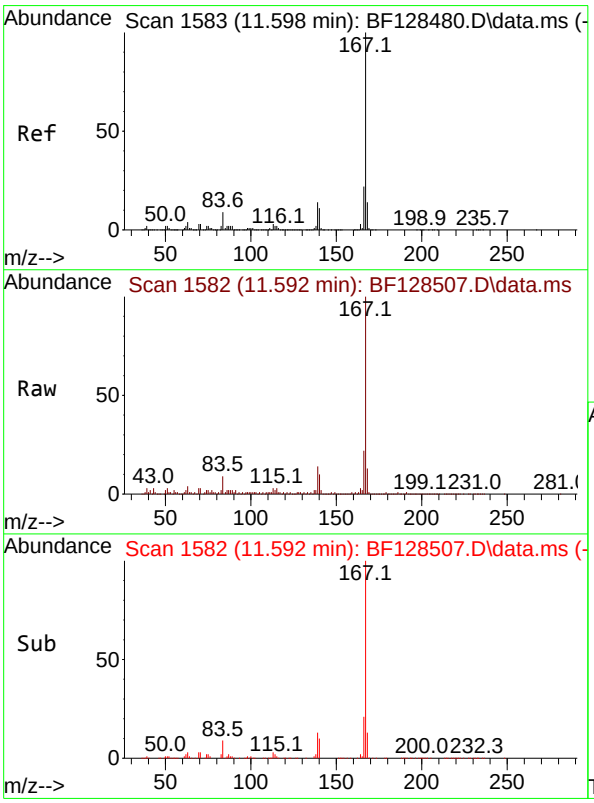
#71
Phenanthrene
Concen: 2.949 ng
RT: 11.386 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF128507.D
Acq: 27 May 2022 13:39

Instrument :
BNA_F
ClientSampleId :
MW-02

Tgt Ion:178 Resp: 109403

Ion	Ratio	Lower	Upper
178	100		
176	19.3	16.0	24.0
179	16.8	12.6	19.0

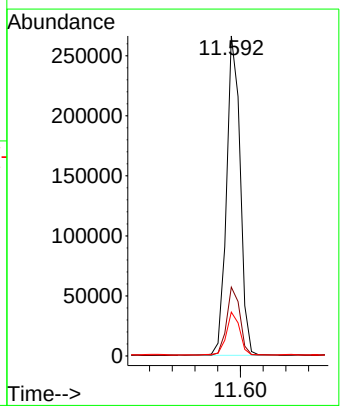


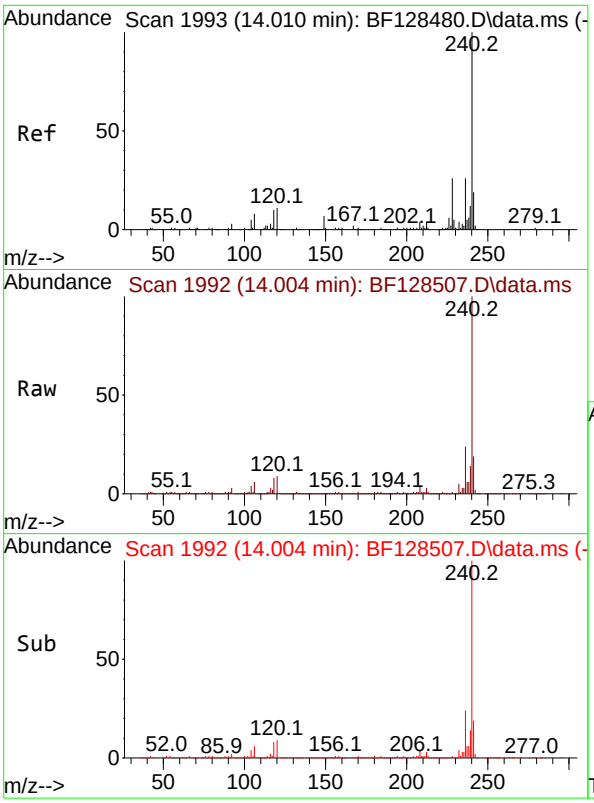


#73
Carbazole
Concen: 6.269 ng
RT: 11.592 min Scan# 1582
Delta R.T. -0.006 min
Lab File: BF128507.D
Acq: 27 May 2022 13:39

Tgt Ion:167 Resp: 222603

Ion	Ratio	Lower	Upper
167	100		
166	21.5	17.7	26.5
139	13.7	11.2	16.8



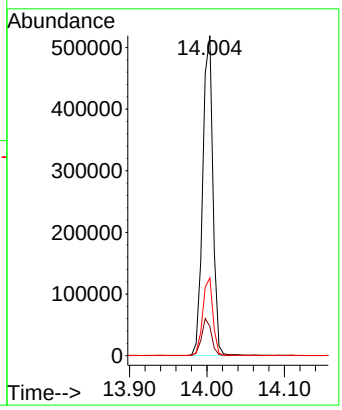


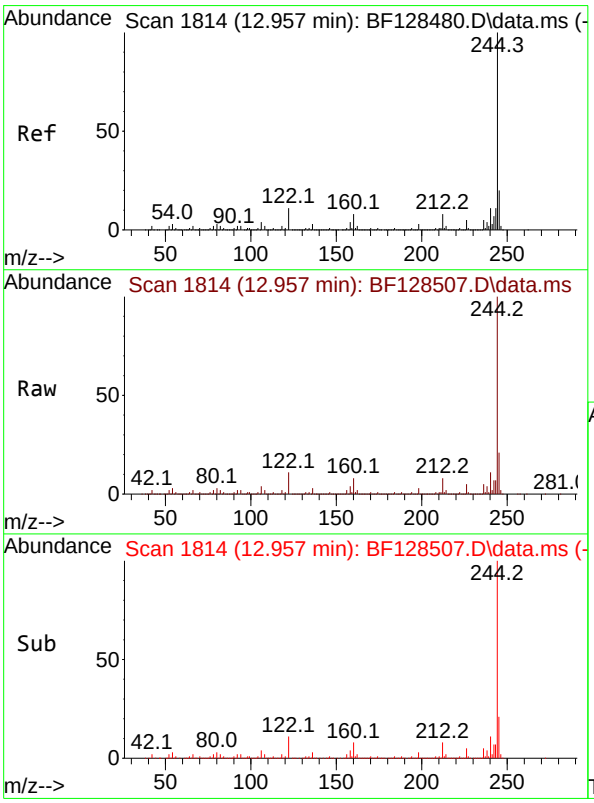
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.004 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF128507.D
Acq: 27 May 2022 13:39

Instrument :
BNA_F
ClientSampleId :
MW-02

Tgt Ion:240 Resp: 474507

Ion	Ratio	Lower	Upper
240	100		
120	9.1	8.9	13.3
236	24.3	20.8	31.2

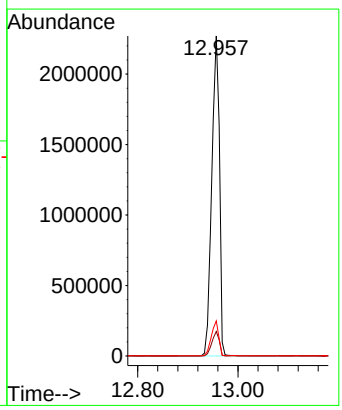


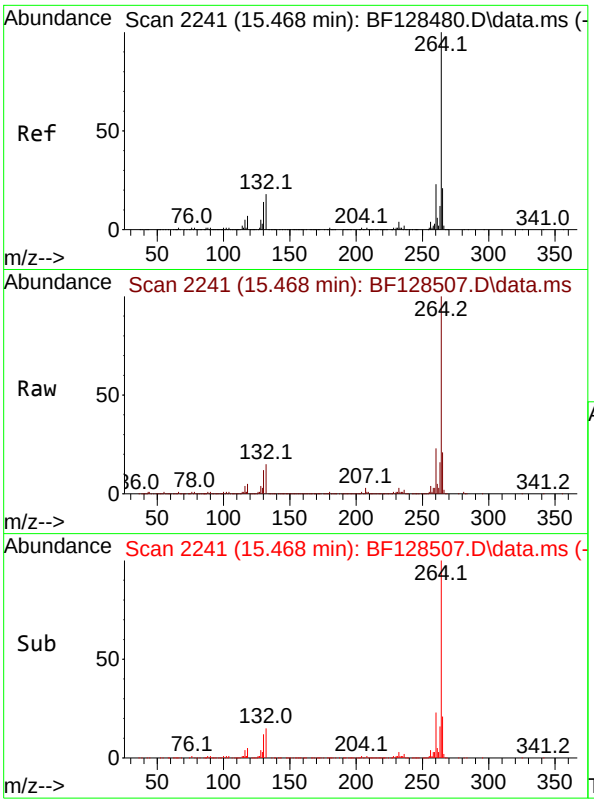


#79
Terphenyl-d14
Concen: 98.310 ng
RT: 12.957 min Scan# 1814
Delta R.T. -0.000 min
Lab File: BF128507.D
Acq: 27 May 2022 13:39

Tgt Ion:244 Resp: 2414583

Ion	Ratio	Lower	Upper
244	100		
212	7.6	6.1	9.1
122	11.0	8.8	13.2





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.468 min Scan# 2
Delta R.T. -0.000 min
Lab File: BF128507.D
Acq: 27 May 2022 13:39

Instrument :
BNA_F
ClientSampleId :
MW-02

Tgt Ion:264 Resp: 393683

Ion	Ratio	Lower	Upper
264	100		
260	22.8	18.4	27.6
265	21.0	17.2	25.8