Quantitation Report (LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091125\
Data File : BF143715.D
Acq On : 11 Sep 2025 19:28
Operator : RC/JU
Sample : Q3075-04
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MOO-25-0258

Quant Time: Sep 12 04:39:00 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 09 15:20:16 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	32505	20.000	ng	0.00
21) Naphthalene-d8	8.181	136	113423	20.000	ng	# 0.00
39) Acenaphthene-d10	9.951	164	65203	20.000	ng	0.02
64) Phenanthrene-d10	11.433	188	90303	20.000	ng	# 0.02
76) Chrysene-d12	14.068	240	89873	20.000	ng	0.02
86) Perylene-d12	15.545	264	67110	20.000	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	133837	70.249	ng	0.00
7) Phenol-d6	6.510	99	172686	74.442	ng	0.00
23) Nitrobenzene-d5	7.451	82	109091	59.825	ng	0.00
42) 2,4,6-Tribromophenol	10.733	330	43037	65.495	ng	0.02
45) 2-Fluorobiphenyl	9.263	172	221815	51.390	ng	0.02
79) Terphenyl-d14	13.021	244	138778	25.023	ng	0.03
Target Compounds						Qvalue
31) Naphthalene	8.198	128	98125	17.476	ng	# 92
37) 2-Methylnaphthalene	8.898	142	140323	36.509	ng	98
38) 1-Methylnaphthalene	8.998	142	81637	22.132	ng	96
46) 1,1'-Biphenyl	9.363	154	42374	9.027	ng	95
71) Phenanthrene	11.457	178	18303	3.679	ng	# 66
80) Butylbenzylphthalate	13.492	149	7423	3.297	ng	# 84
84) Bis(2-ethylhexyl)phtha...	14.045	149	11480	3.574	ng	# 87

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

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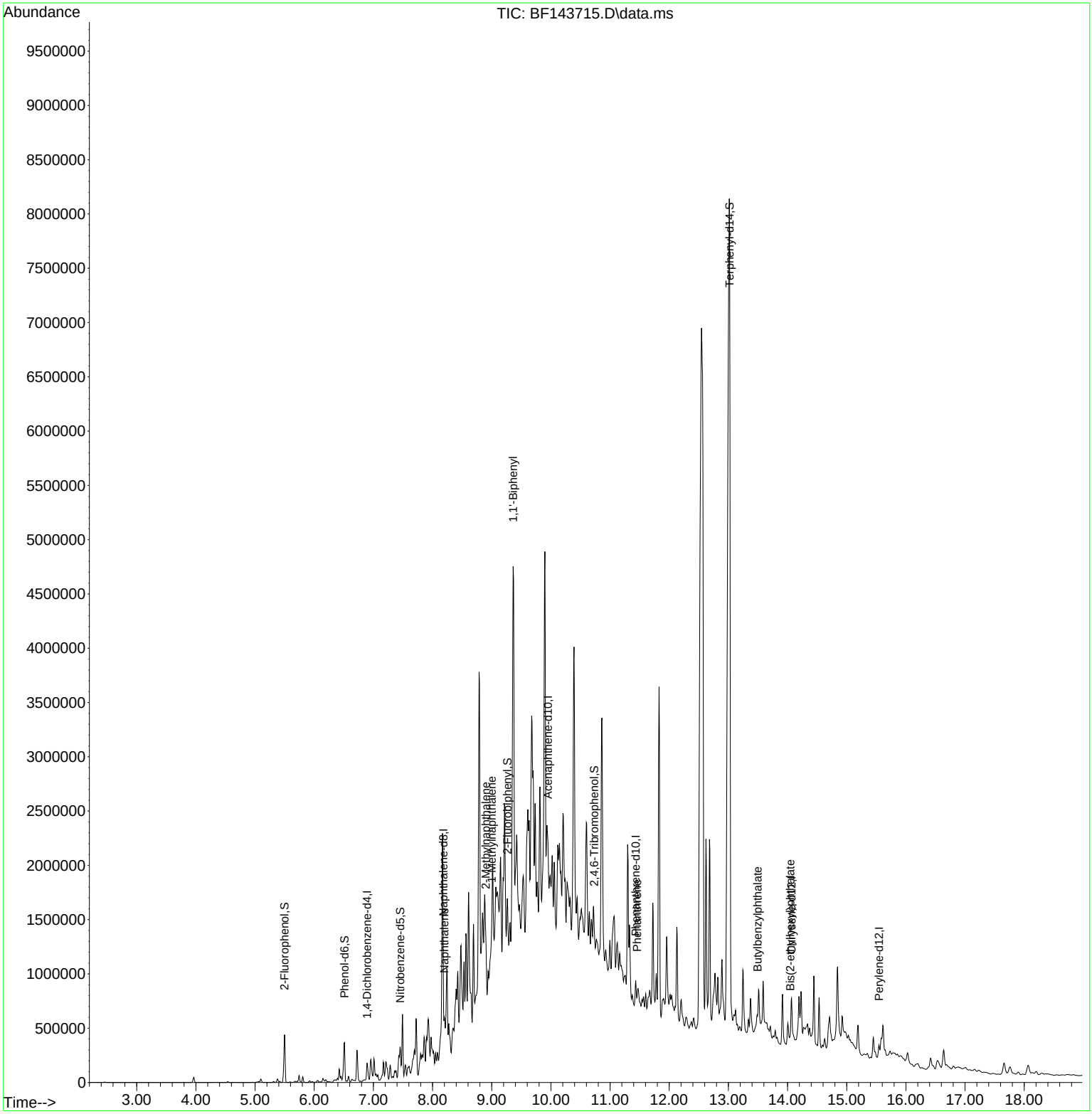
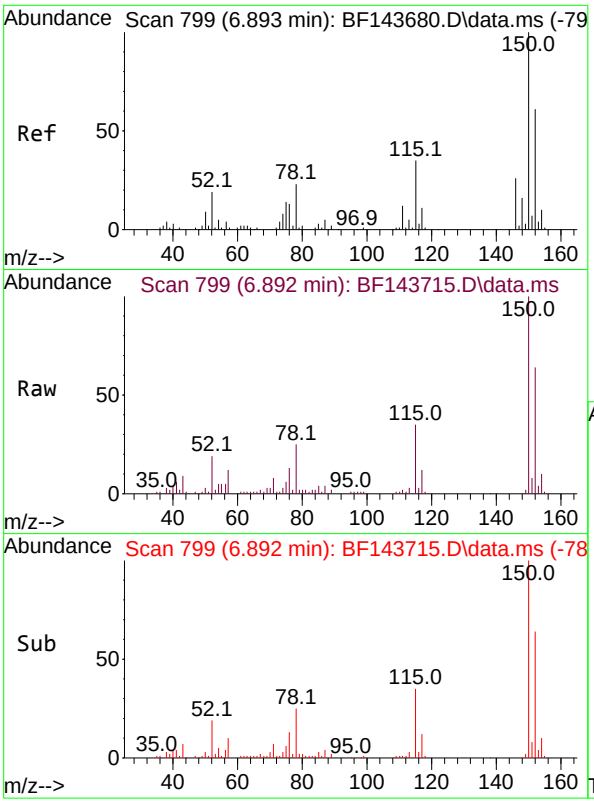


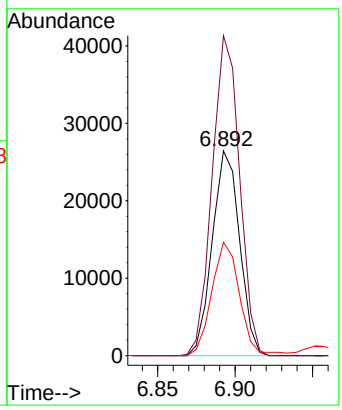


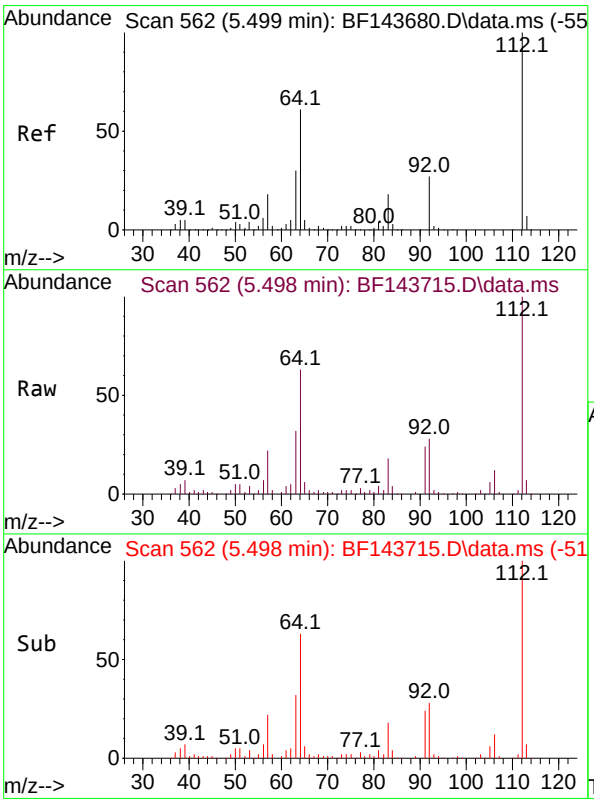
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.892 min Scan# 79
Delta R.T. -0.001 min
Lab File: BF143715.D
Acq: 11 Sep 2025 19:28

Instrument :
BNA_F
ClientSampleId :
MOO-25-0258

Tgt Ion:152 Resp: 32505

Ion	Ratio	Lower	Upper
152	100		
150	156.3	130.7	196.1
115	55.4	45.9	68.9

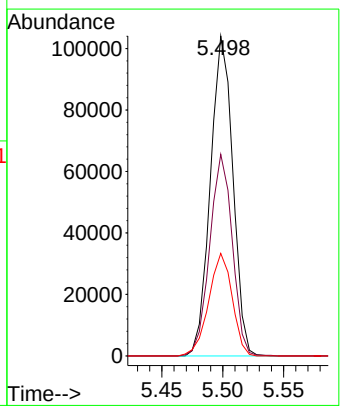


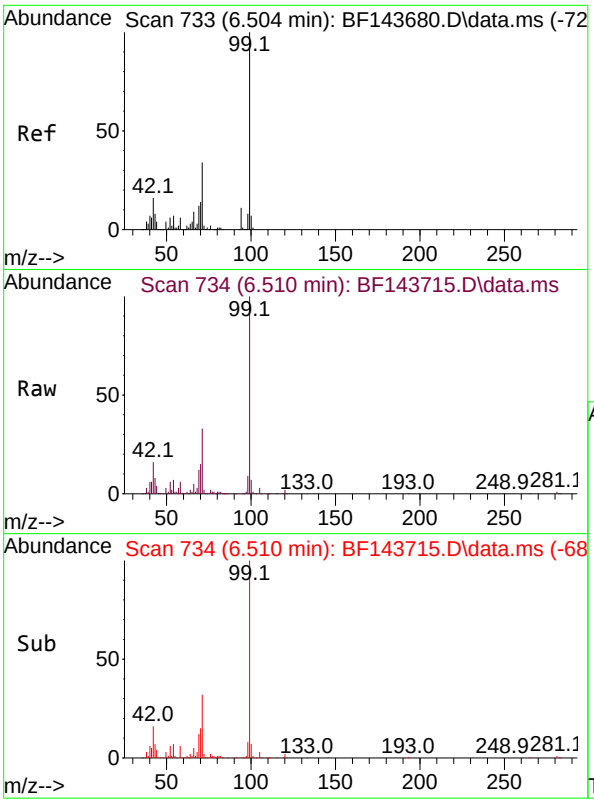


#5
2-Fluorophenol
Concen: 70.249 ng
RT: 5.498 min Scan# 562
Delta R.T. -0.000 min
Lab File: BF143715.D
Acq: 11 Sep 2025 19:28

Tgt Ion:112 Resp: 133837

Ion	Ratio	Lower	Upper
112	100		
64	63.0	49.0	73.4
63	32.0	24.3	36.5



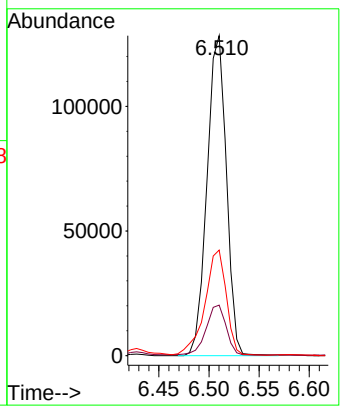


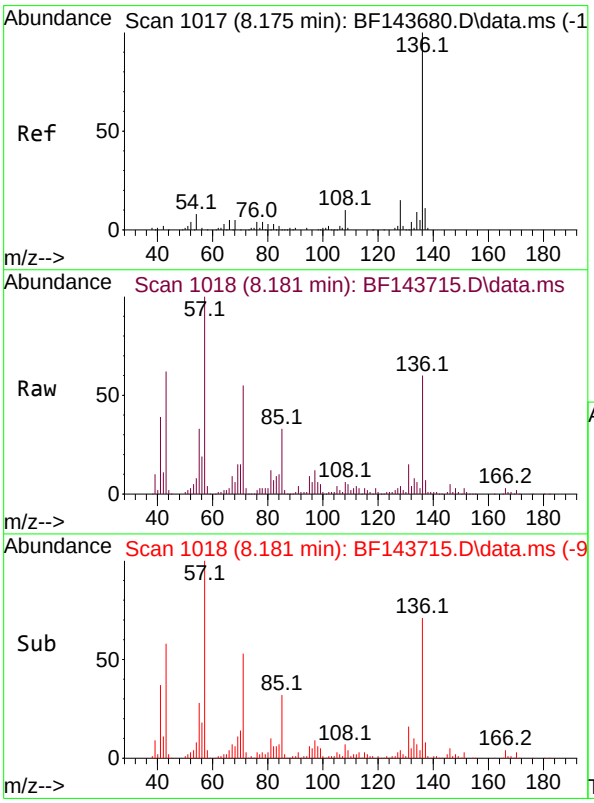
#7
Phenol-d6
Concen: 74.442 ng
RT: 6.510 min Scan# 7
Delta R.T. 0.006 min
Lab File: BF143715.D
Acq: 11 Sep 2025 19:28

Instrument :
BNA_F
ClientSampleId :
MOO-25-0258

Tgt Ion: 99 Resp: 172686

Ion	Ratio	Lower	Upper
99	100		
42	15.8	13.0	19.4
71	33.0	27.4	41.2

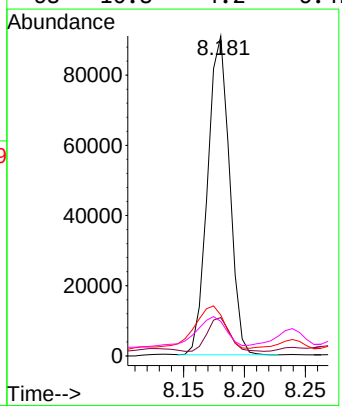


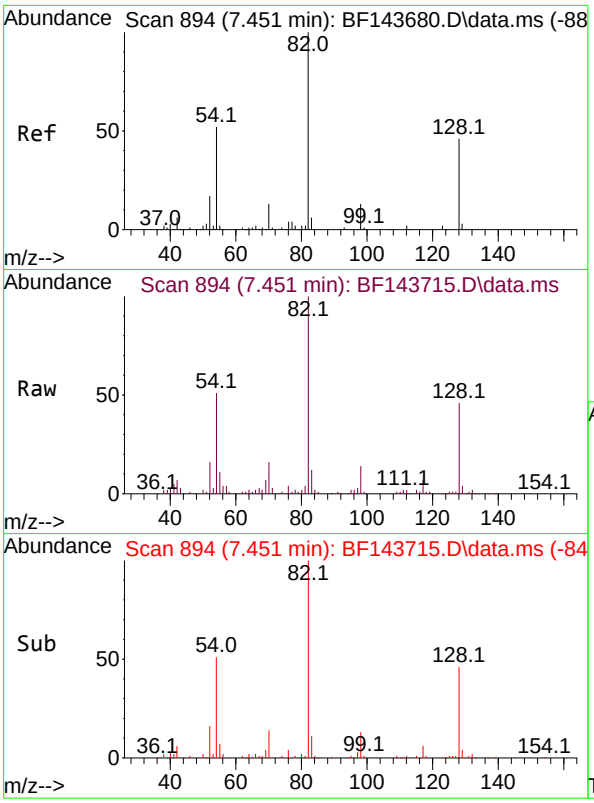


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.181 min Scan# 1018
Delta R.T. 0.006 min
Lab File: BF143715.D
Acq: 11 Sep 2025 19:28

Tgt Ion:136 Resp: 113423

Ion	Ratio	Lower	Upper
136	100		
137	12.0	8.7	13.1
54	12.8	6.2	9.2#
68	10.8	4.2	6.4#



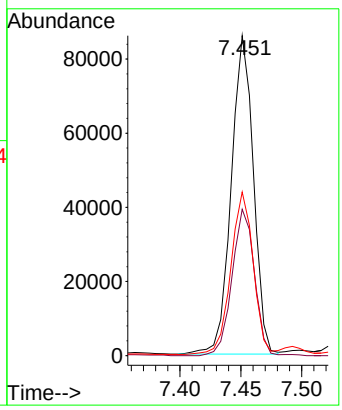


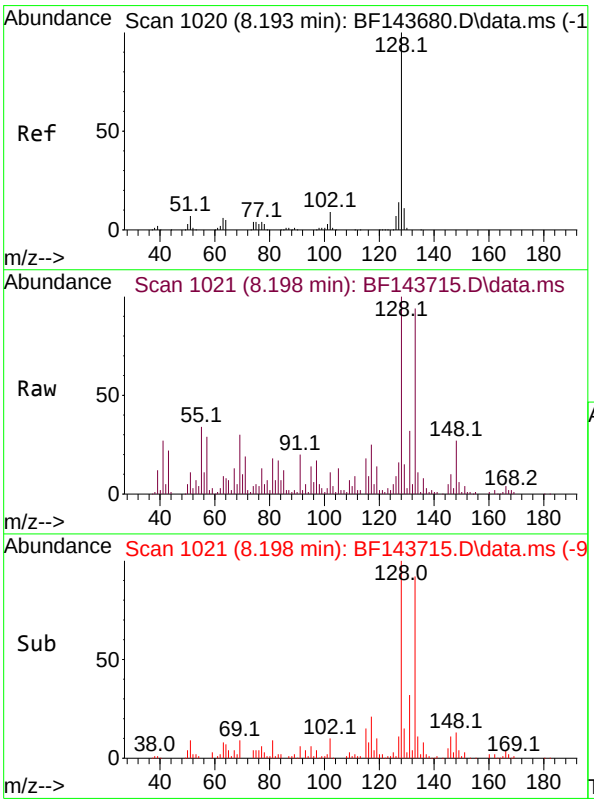
#23
Nitrobenzene-d5
Concen: 59.825 ng
RT: 7.451 min Scan# 89
Delta R.T. -0.000 min
Lab File: BF143715.D
Acq: 11 Sep 2025 19:28

Instrument :
BNA_F
ClientSampleId :
MOO-25-0258

Tgt Ion: 82 Resp: 109091

Ion	Ratio	Lower	Upper
82	100		
128	45.7	37.0	55.4
54	51.1	41.8	62.8

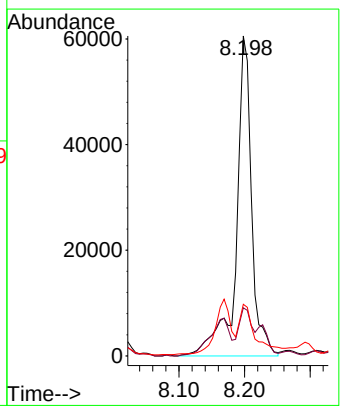


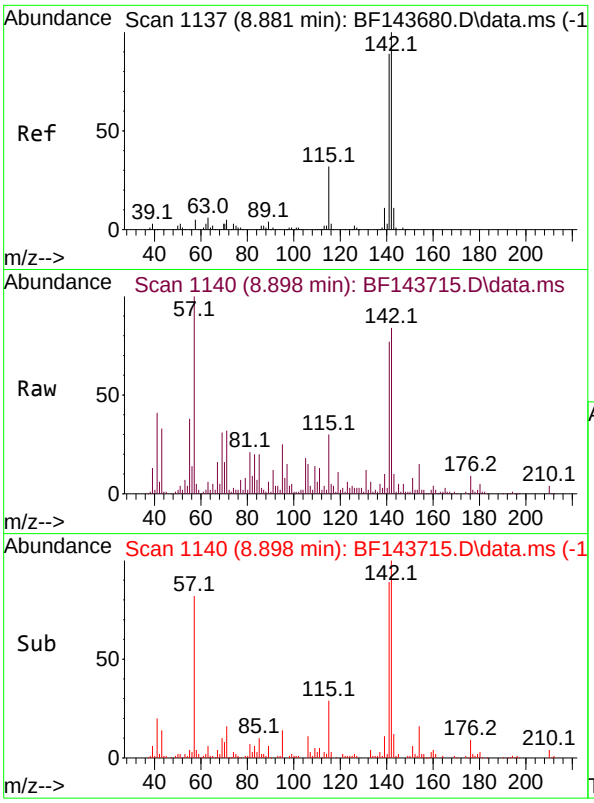


#31
Naphthalene
Concen: 17.476 ng
RT: 8.198 min Scan# 1021
Delta R.T. 0.006 min
Lab File: BF143715.D
Acq: 11 Sep 2025 19:28

Tgt Ion:128 Resp: 98125

Ion	Ratio	Lower	Upper
128	100		
129	15.0	8.8	13.2#
127	16.1	10.9	16.3



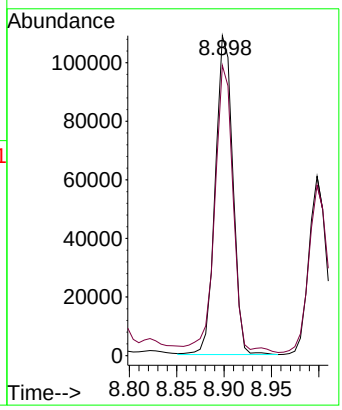


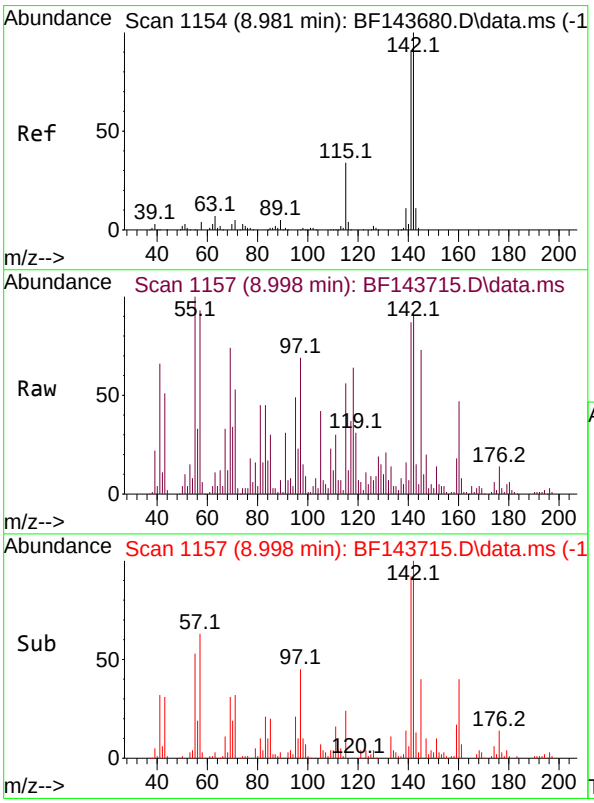
#37
2-Methylnaphthalene
Concen: 36.509 ng
RT: 8.898 min Scan# 11
Delta R.T. 0.017 min
Lab File: BF143715.D
Acq: 11 Sep 2025 19:28

Instrument :
BNA_F
ClientSampleId :
MOO-25-0258

Tgt Ion:142 Resp: 140323

Ion	Ratio	Lower	Upper
142	100		
141	90.7	71.1	106.7

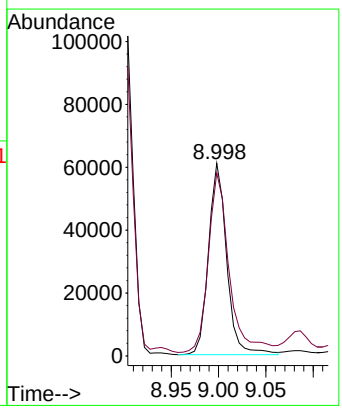


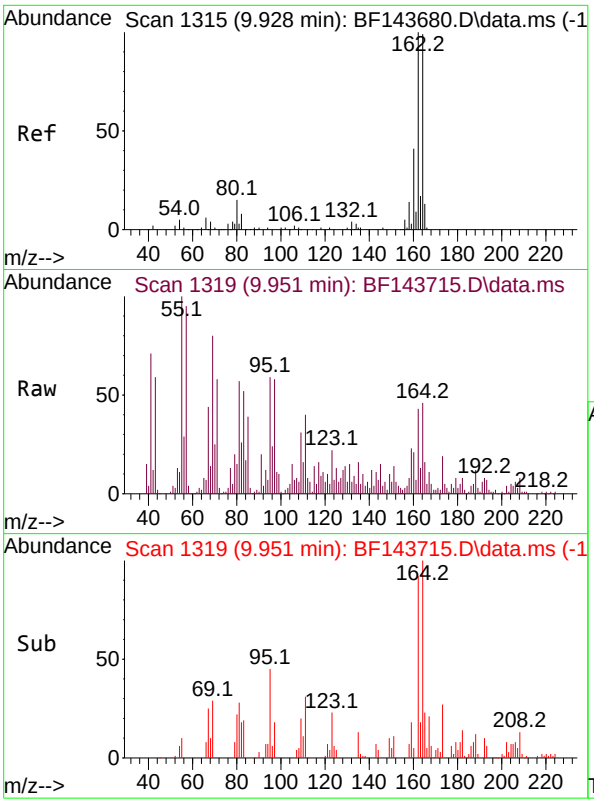


#38
1-Methylnaphthalene
Concen: 22.132 ng
RT: 8.998 min Scan# 1157
Delta R.T. 0.017 min
Lab File: BF143715.D
Acq: 11 Sep 2025 19:28

Tgt Ion:142 Resp: 81637

Ion	Ratio	Lower	Upper
142	100		
141	95.0	72.9	109.3



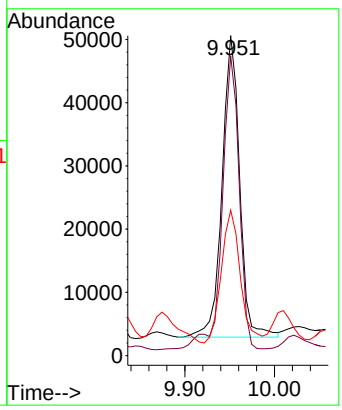


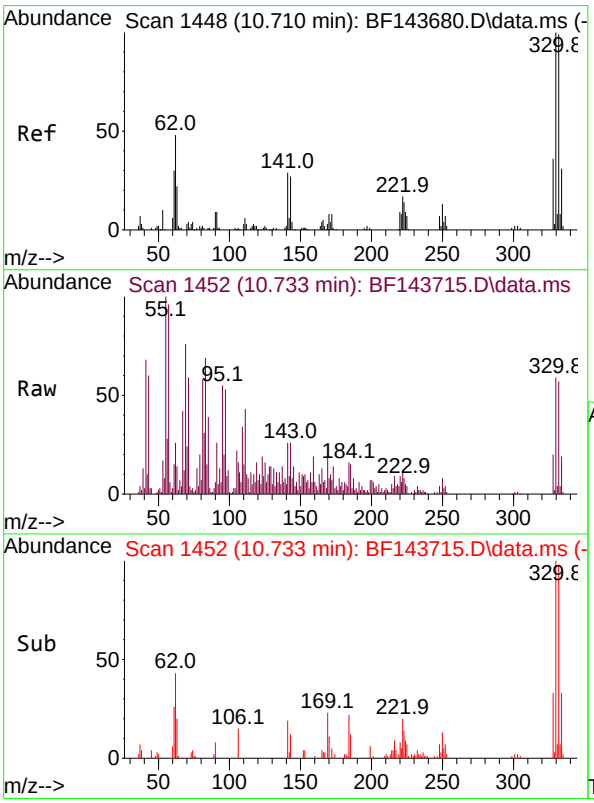
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.951 min Scan# 1
Delta R.T. 0.023 min
Lab File: BF143715.D
Acq: 11 Sep 2025 19:28

Instrument :
BNA_F
ClientSampleId :
MOO-25-0258

Tgt Ion:164 Resp: 65203

Ion	Ratio	Lower	Upper
164	100		
162	93.7	80.6	121.0
160	45.4	33.0	49.4

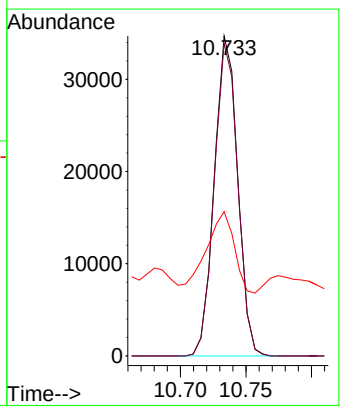


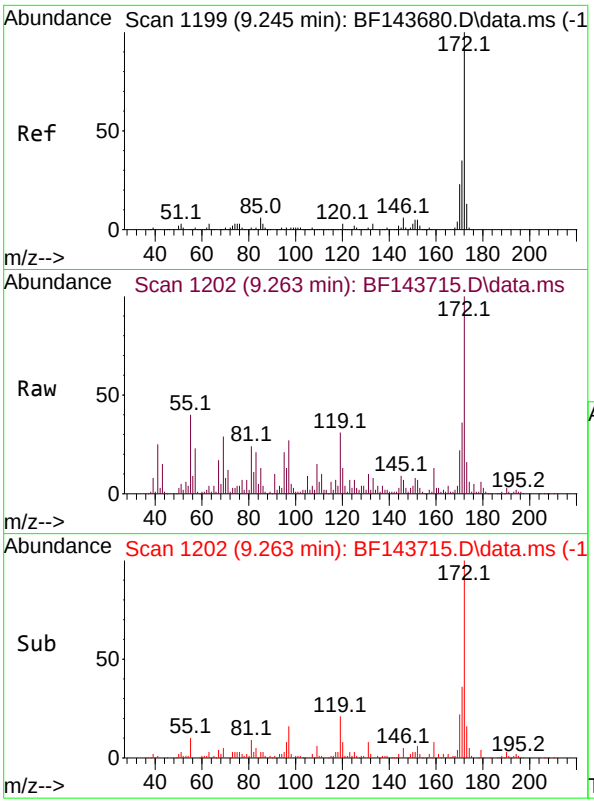


#42
2,4,6-Tribromophenol
Concen: 65.495 ng
RT: 10.733 min Scan# 1452
Delta R.T. 0.023 min
Lab File: BF143715.D
Acq: 11 Sep 2025 19:28

Tgt Ion:330 Resp: 43037

Ion	Ratio	Lower	Upper
330	100		
332	98.2	79.2	118.8
141	30.5	22.2	33.4



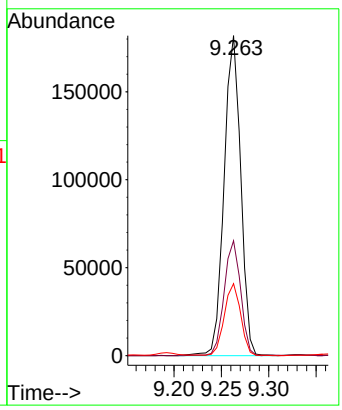


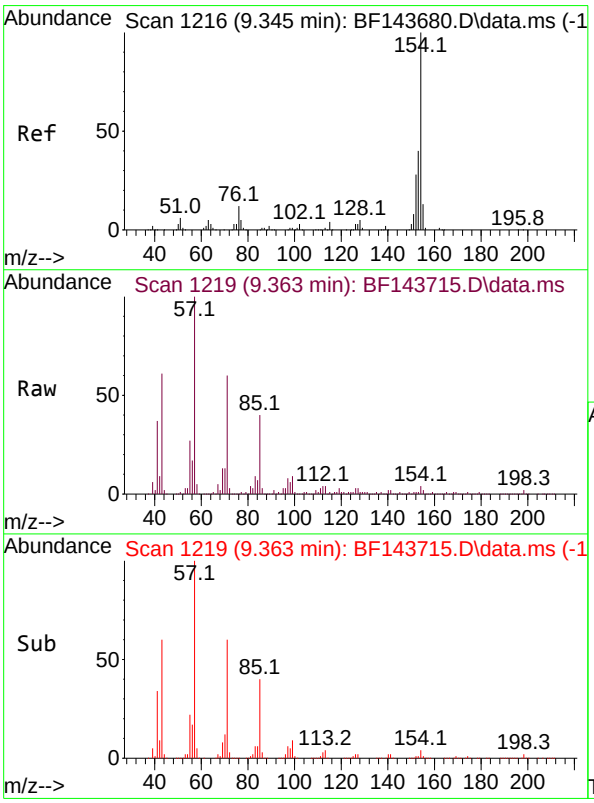
#45
2-Fluorobiphenyl
Concen: 51.390 ng
RT: 9.263 min Scan# 1
Delta R.T. 0.017 min
Lab File: BF143715.D
Acq: 11 Sep 2025 19:28

Instrument :
BNA_F
ClientSampleId :
MOO-25-0258

Tgt Ion:172 Resp: 221815

Ion	Ratio	Lower	Upper
172	100		
171	35.9	27.9	41.9
170	22.5	18.6	27.8

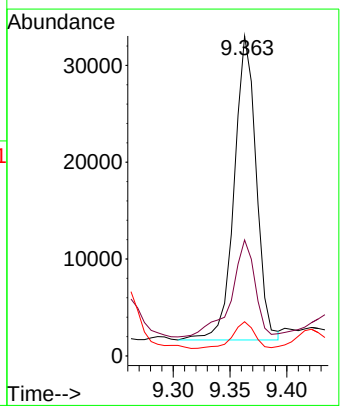


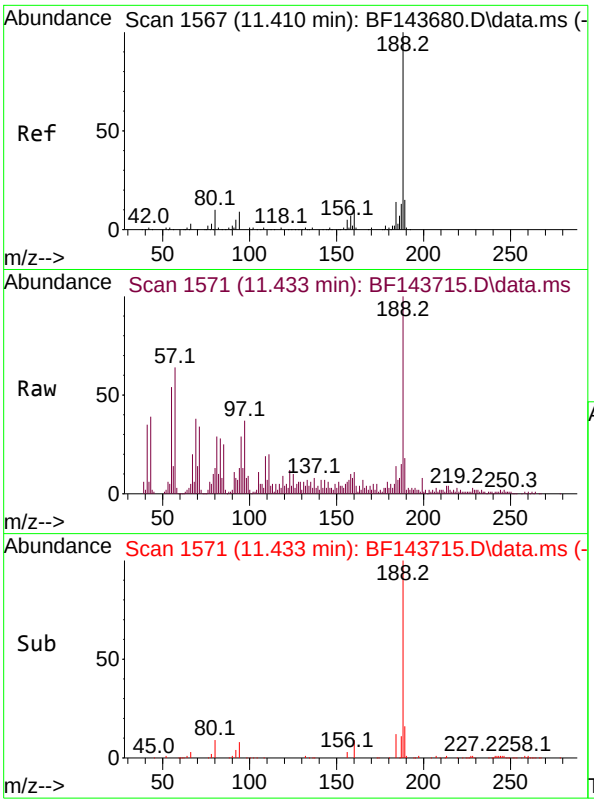


#46
1,1'-Biphenyl
Concen: 9.027 ng
RT: 9.363 min Scan# 1219
Delta R.T. 0.017 min
Lab File: BF143715.D
Acq: 11 Sep 2025 19:28

Tgt Ion:154 Resp: 42374

Ion	Ratio	Lower	Upper
154	100		
153	36.2	20.2	60.2
76	10.7	0.0	31.6



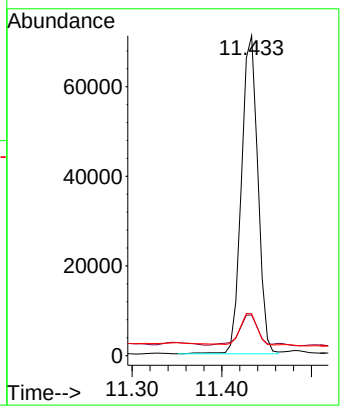


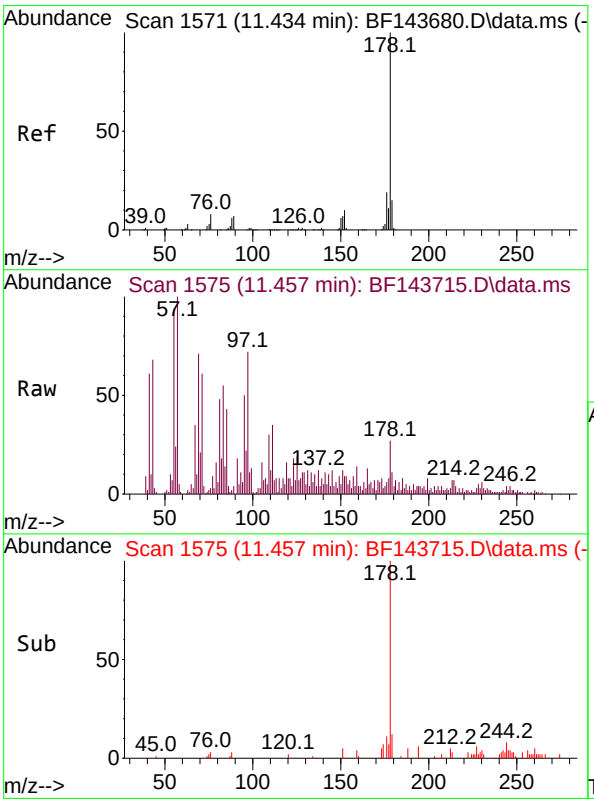
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.433 min Scan# 1
Delta R.T. 0.023 min
Lab File: BF143715.D
Acq: 11 Sep 2025 19:28

Instrument :
BNA_F
ClientSampleId :
MOO-25-0258

Tgt Ion:188 Resp: 90303

Ion	Ratio	Lower	Upper
188	100		
94	12.7	7.4	11.0#
80	13.1	7.7	11.5#

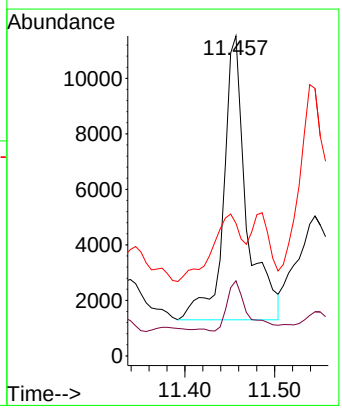


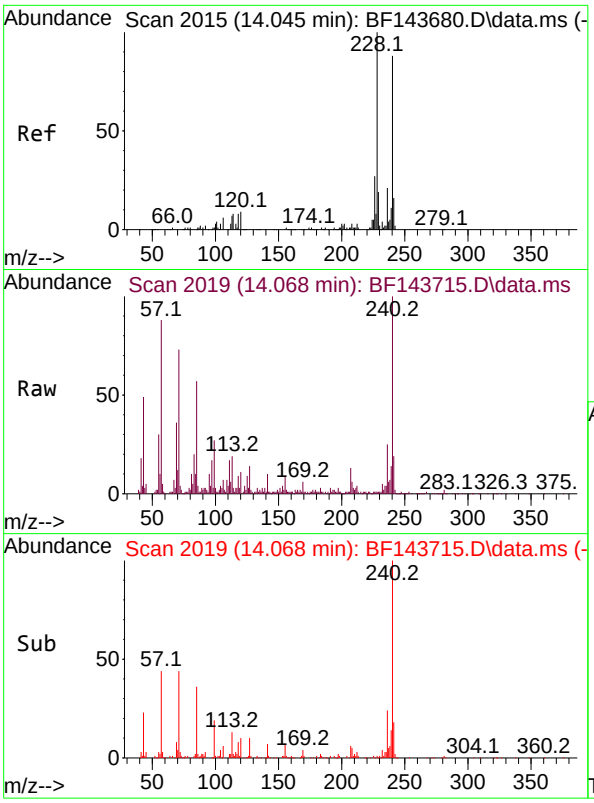


#71
Phenanthrene
Concen: 3.679 ng
RT: 11.457 min Scan# 1575
Delta R.T. 0.023 min
Lab File: BF143715.D
Acq: 11 Sep 2025 19:28

Tgt Ion:178 Resp: 18303

Ion	Ratio	Lower	Upper
178	100		
176	23.5	14.8	22.2#
179	41.4	12.2	18.2#



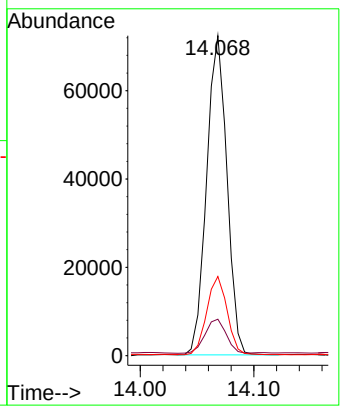


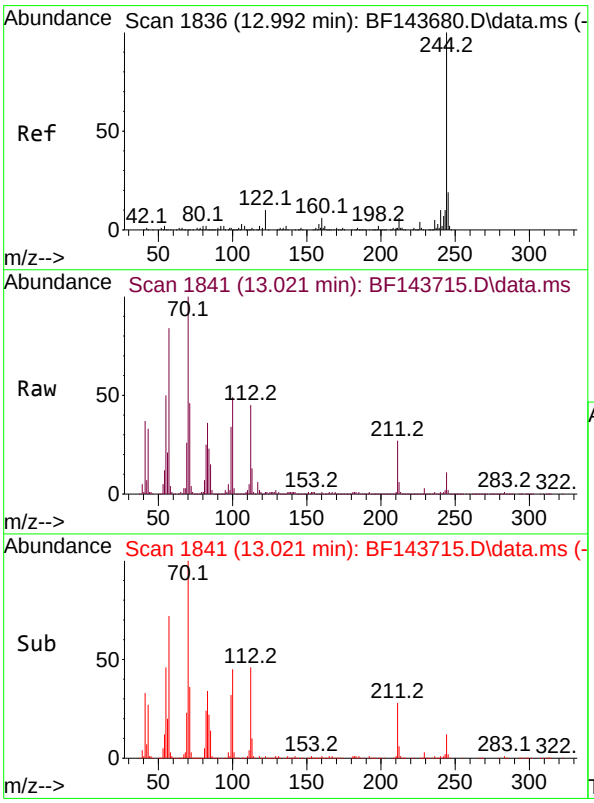
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.068 min Scan# 20
Delta R.T. 0.023 min
Lab File: BF143715.D
Acq: 11 Sep 2025 19:28

Instrument :
BNA_F
ClientSampleId :
MOO-25-0258

Tgt Ion:240 Resp: 89873

Ion	Ratio	Lower	Upper
240	100		
120	11.4	8.4	12.6
236	24.7	18.6	28.0

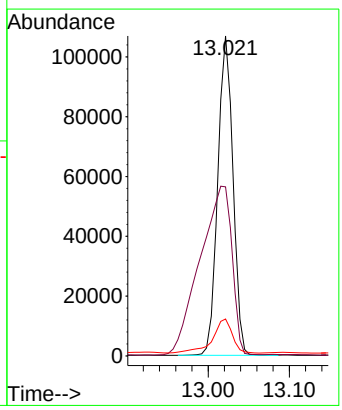


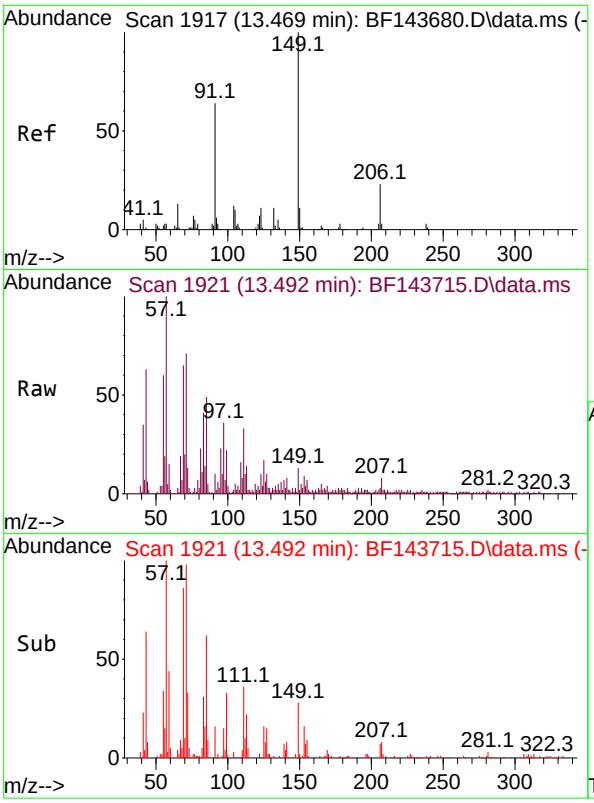


#79
Terphenyl-d14
Concen: 25.023 ng
RT: 13.021 min Scan# 1841
Delta R.T. 0.029 min
Lab File: BF143715.D
Acq: 11 Sep 2025 19:28

Tgt Ion:244 Resp: 138778

Ion	Ratio	Lower	Upper
244	100		
212	52.8	5.0	7.6#
122	11.5	7.9	11.9



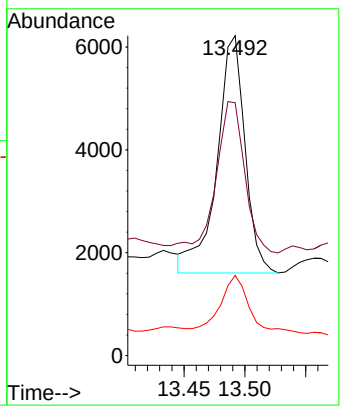


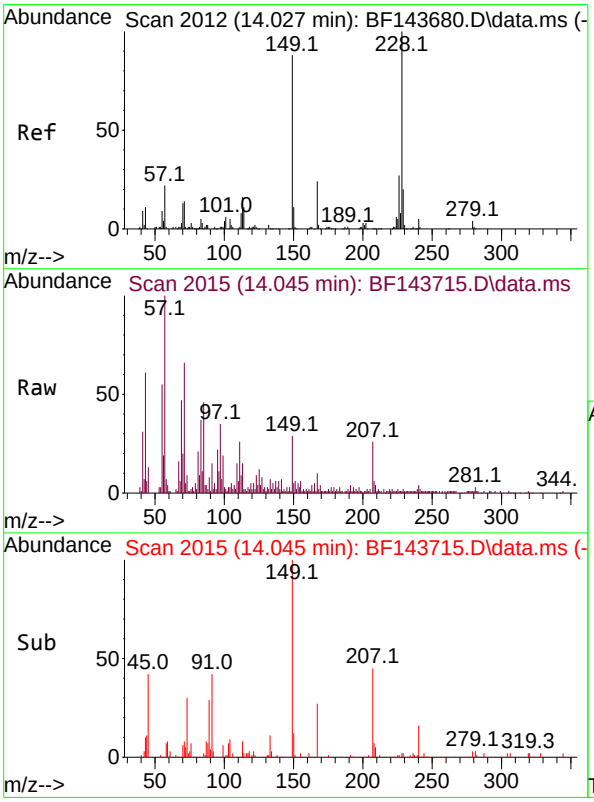
#80
Butylbenzylphthalate
Concen: 3.297 ng
RT: 13.492 min Scan# 19
Delta R.T. 0.023 min
Lab File: BF143715.D
Acq: 11 Sep 2025 19:28

Instrument :
BNA_F
ClientSampleId :
MOO-25-0258

Tgt Ion:149 Resp: 7423

Ion	Ratio	Lower	Upper
149	100		
91	79.0	50.9	76.3#
206	25.1	18.2	27.2

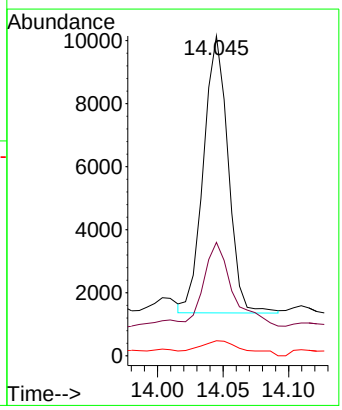


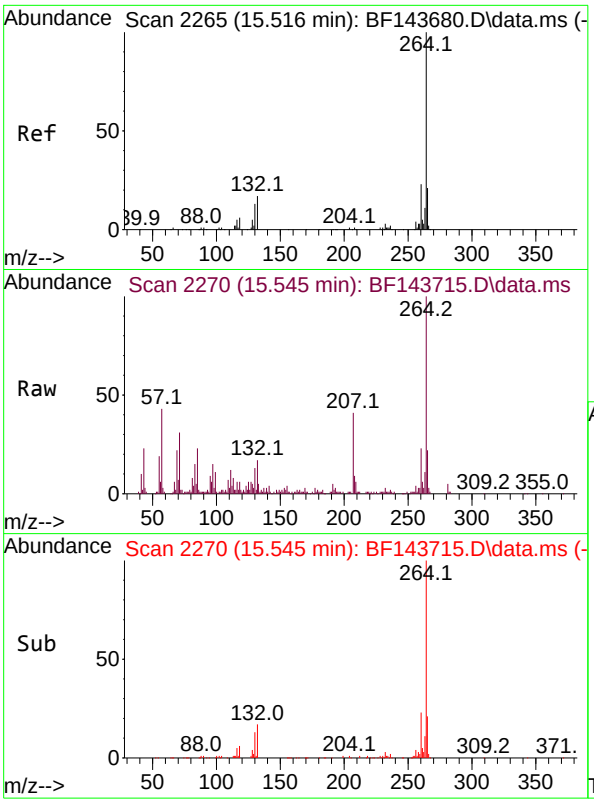


#84
Bis(2-ethylhexyl)phthalate
Concen: 3.574 ng
RT: 14.045 min Scan# 2015
Delta R.T. 0.017 min
Lab File: BF143715.D
Acq: 11 Sep 2025 19:28

Tgt Ion:149 Resp: 11480

Ion	Ratio	Lower	Upper
149	100		
167	35.5	22.2	33.2#
279	4.7	3.5	5.3





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.545 min Scan# 2
Delta R.T. 0.029 min
Lab File: BF143715.D
Acq: 11 Sep 2025 19:28

Instrument :
BNA_F
ClientSampleId :
MOO-25-0258

Tgt Ion:264 Resp: 67110

Ion	Ratio	Lower	Upper
264	100		
260	22.5	18.4	27.6
265	21.5	17.1	25.7