Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072225\
Data File : BF143198.D
Acq On : 22 Jul 2025 19:51
Operator : RC/JU
Sample : Q2646-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FRAC TANK

Quant Time: Jul 23 04:51:54 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 15:14:05 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.987	152	49096	20.000	ng	0.02
21) Naphthalene-d8	8.269	136	345774	20.000	ng	0.02
39) Acenaphthene-d10	10.004	164	154112	20.000	ng	0.00
64) Phenanthrene-d10	11.486	188	263977	20.000	ng	0.00
76) Chrysene-d12	14.151	240	258410	20.000	ng	0.03
86) Perylene-d12	15.645	264	120241	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.787	112	505237	162.848	ng	0.20
7) Phenol-d6	6.675	99	454882	116.485	ng	0.09
23) Nitrobenzene-d5	7.545	82	526527	75.905	ng	0.02
42) 2,4,6-Tribromophenol	10.792	330	192596	120.973	ng	0.00
45) 2-Fluorobiphenyl	9.328	172	885683	78.597	ng	0.00
79) Terphenyl-d14	13.092	244	900783	51.873	ng	0.02
Target Compounds						Qvalue
20) 3+4-Methylphenols	7.410	107	43141	13.004	ng	# 77
37) 2-Methylnaphthalene	8.975	142	31462	3.036	ng	97
60) Diethylphthalate	10.410	149	97198	9.789	ng	98
74) Di-n-butylphthalate	12.045	149	29957	2.121	ng	# 87
84) Bis(2-ethylhexyl)phtha...	14.127	149	27750	2.715	ng	100

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

Quantitation Report (QT Reviewed)

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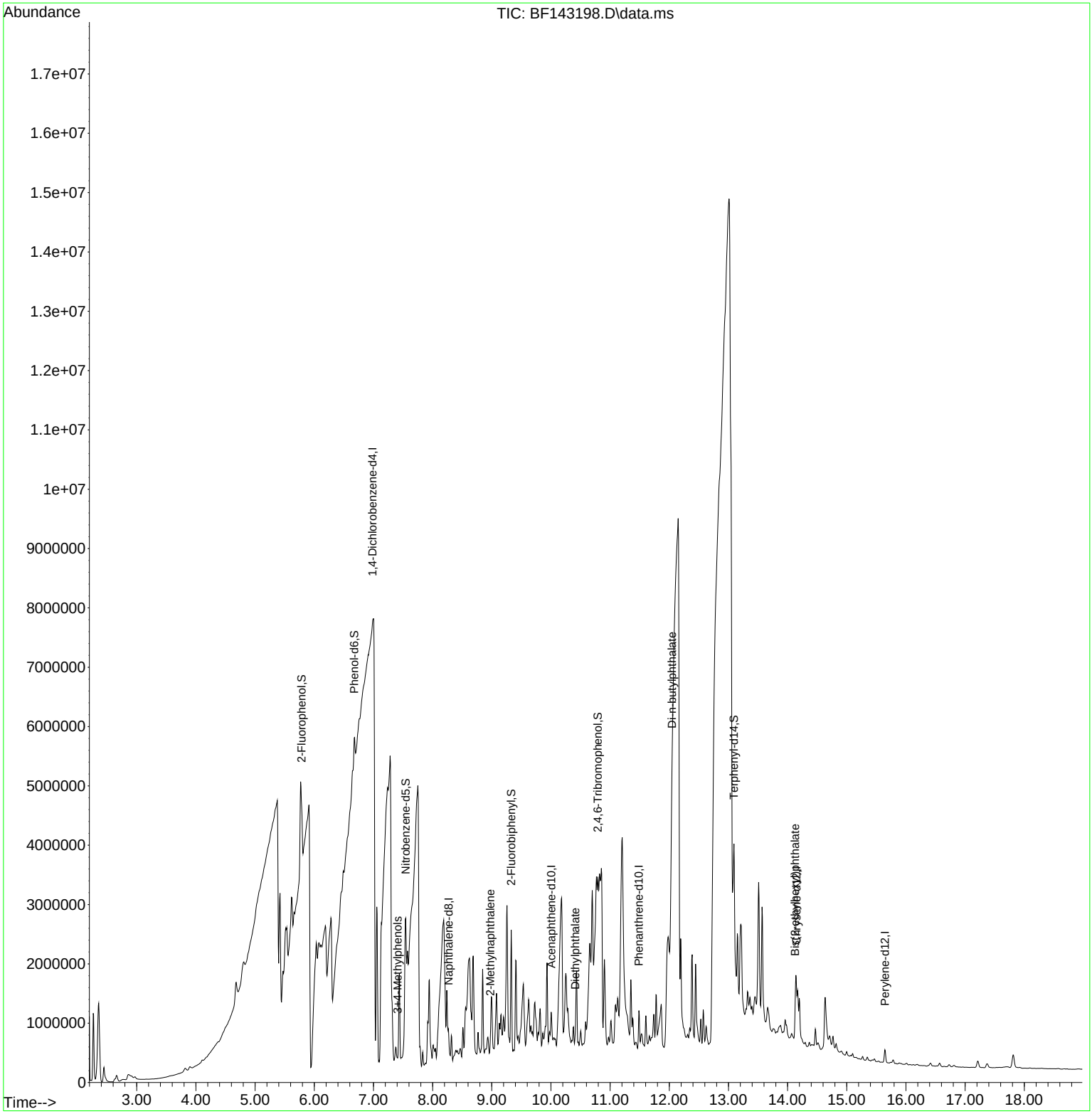
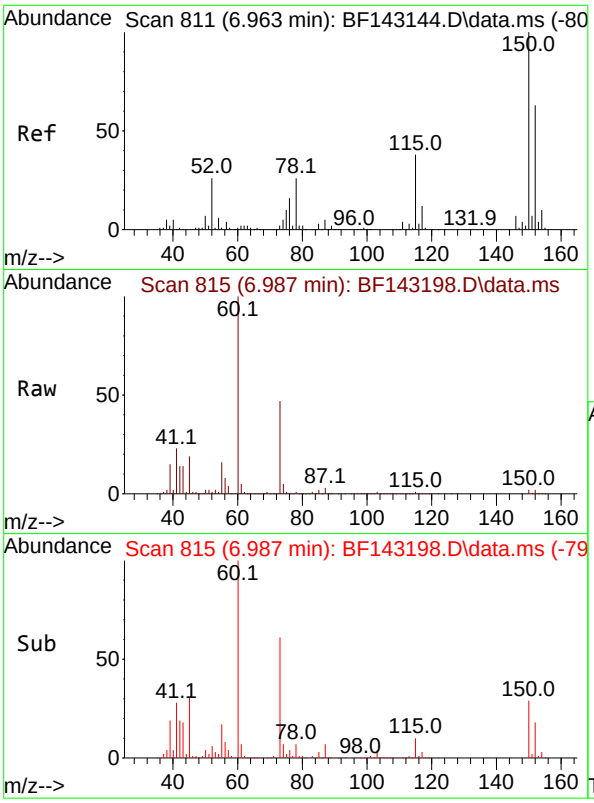


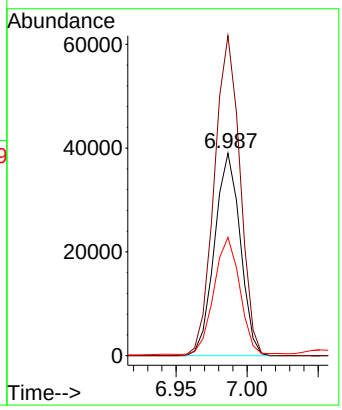


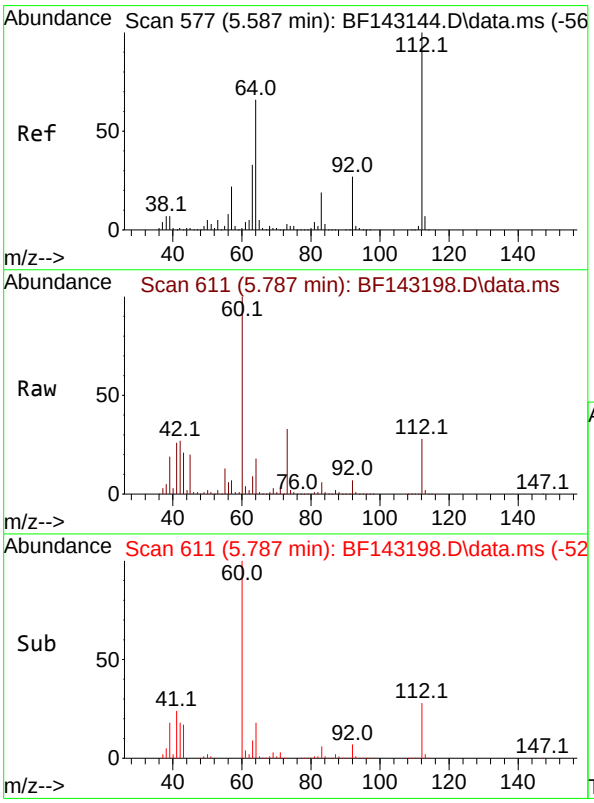
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.987 min Scan# 8
Delta R.T. 0.024 min
Lab File: BF143198.D
Acq: 22 Jul 2025 19:51

Instrument :
BNA_F
ClientSampleId :
FRAC TANK

Tgt Ion:152 Resp: 49096

Ion	Ratio	Lower	Upper
152	100		
150	158.1	128.2	192.4
115	58.4	47.9	71.9

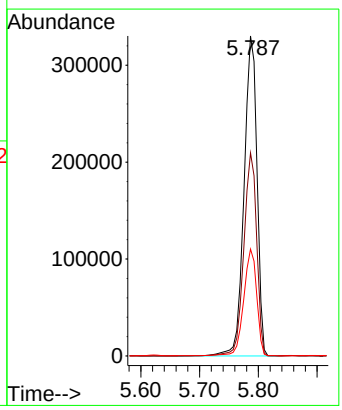


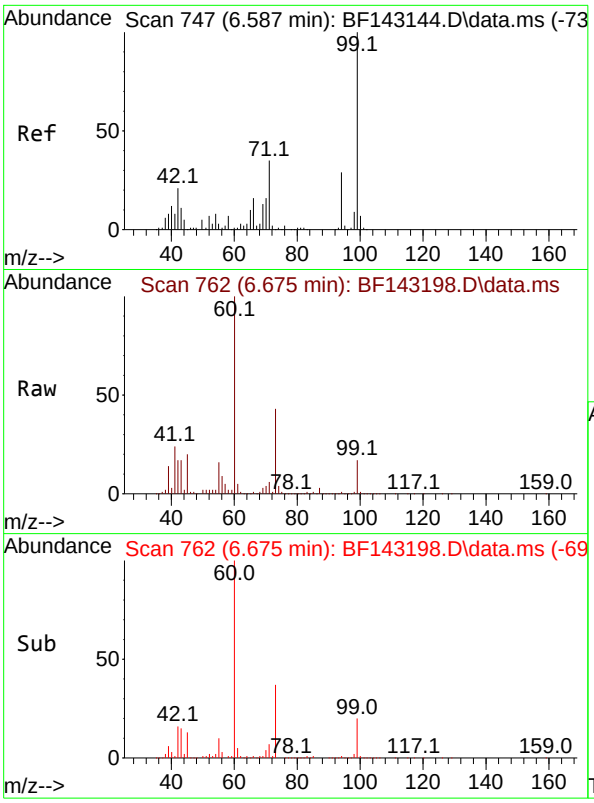


#5
2-Fluorophenol
Concen: 162.848 ng
RT: 5.787 min Scan# 611
Delta R.T. 0.200 min
Lab File: BF143198.D
Acq: 22 Jul 2025 19:51

Tgt Ion:112 Resp: 505237

Ion	Ratio	Lower	Upper
112	100		
64	63.5	53.1	79.7
63	33.4	26.6	40.0



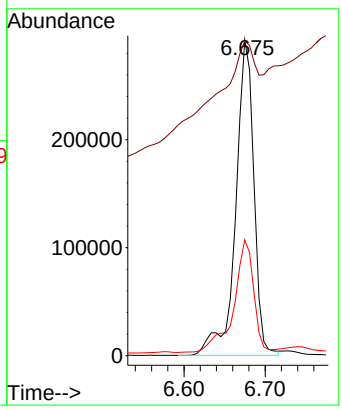


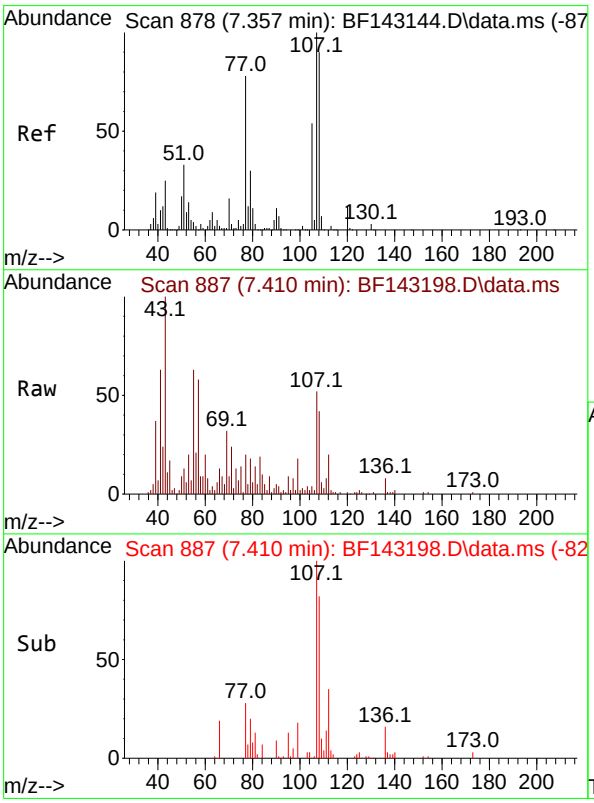
#7
Phenol-d6
Concen: 116.485 ng
RT: 6.675 min Scan# 7
Delta R.T. 0.088 min
Lab File: BF143198.D
Acq: 22 Jul 2025 19:51

Instrument :
BNA_F
ClientSampleId :
FRAC TANK

Tgt Ion: 99 Resp: 454882

Ion	Ratio	Lower	Upper
99	100		
42	99.6	17.0	25.6#
71	36.6	27.7	41.5

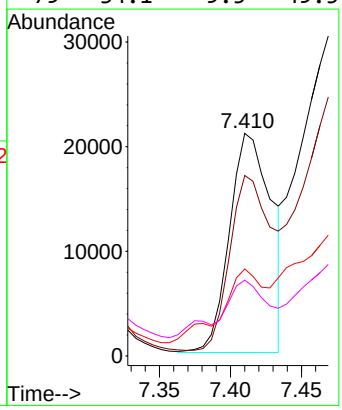


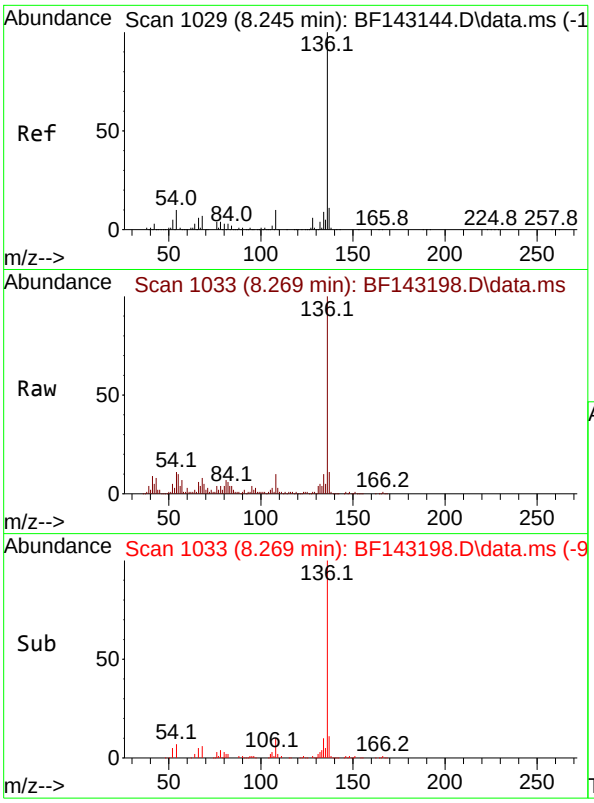


#20
3+4-Methylphenols
Concen: 13.004 ng
RT: 7.410 min Scan# 887
Delta R.T. 0.053 min
Lab File: BF143198.D
Acq: 22 Jul 2025 19:51

Tgt Ion:107 Resp: 43141

Ion	Ratio	Lower	Upper
107	100		
108	81.1	70.0	110.0
77	39.1	57.8	97.8#
79	34.1	9.5	49.5



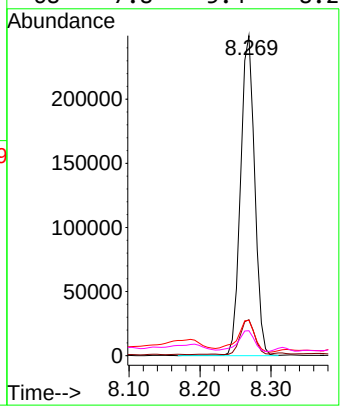


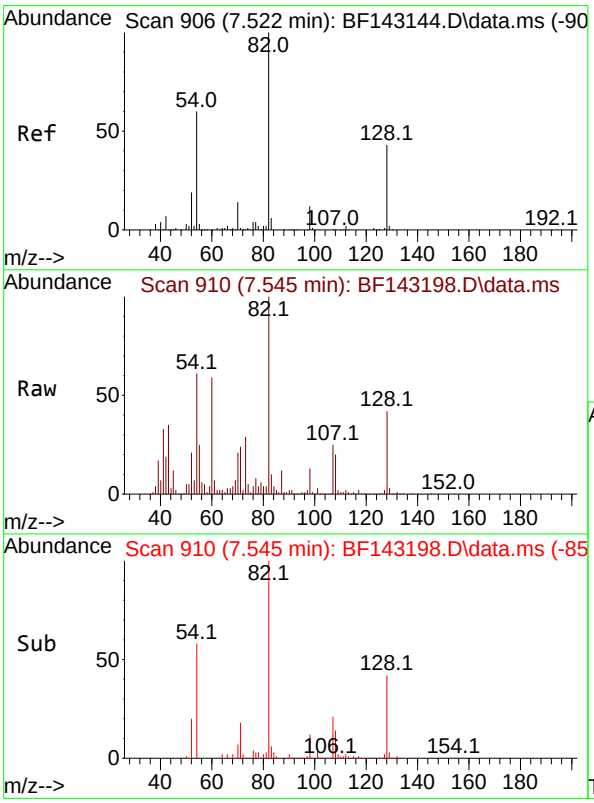
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.269 min Scan# 1
Delta R.T. 0.024 min
Lab File: BF143198.D
Acq: 22 Jul 2025 19:51

Instrument :
BNA_F
ClientSampleId :
FRAC TANK

Tgt Ion:136 Resp: 345774

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.6	13.0
54	11.1	8.2	12.2
68	7.8	5.4	8.2

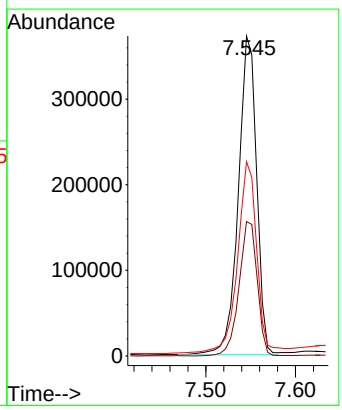


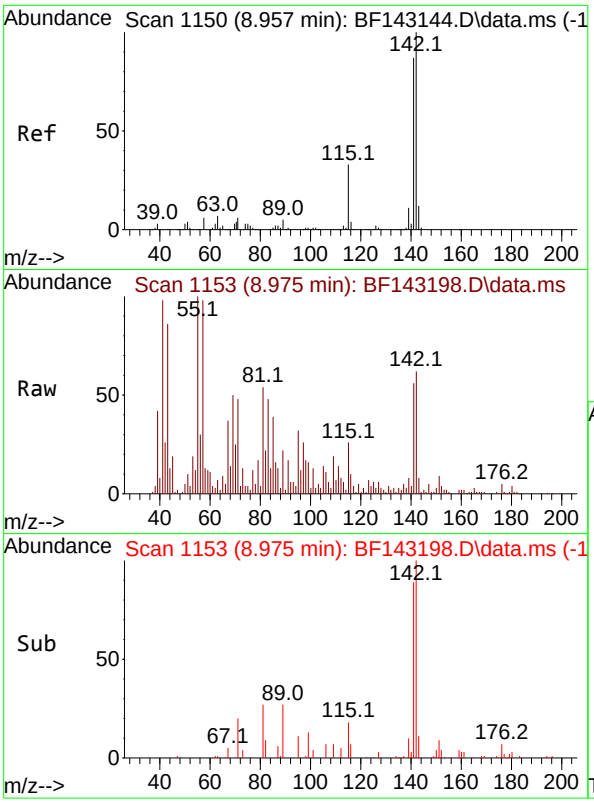


#23
Nitrobenzene-d5
Concen: 75.905 ng
RT: 7.545 min Scan# 910
Delta R.T. 0.024 min
Lab File: BF143198.D
Acq: 22 Jul 2025 19:51

Tgt Ion: 82 Resp: 526527

Ion	Ratio	Lower	Upper
82	100		
128	42.0	33.6	50.4
54	60.7	47.1	70.7



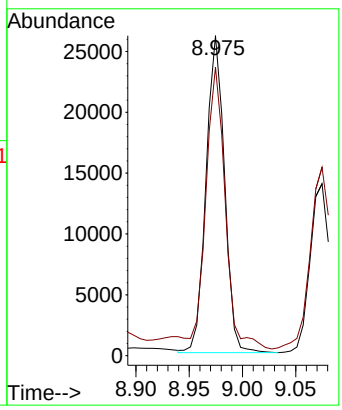


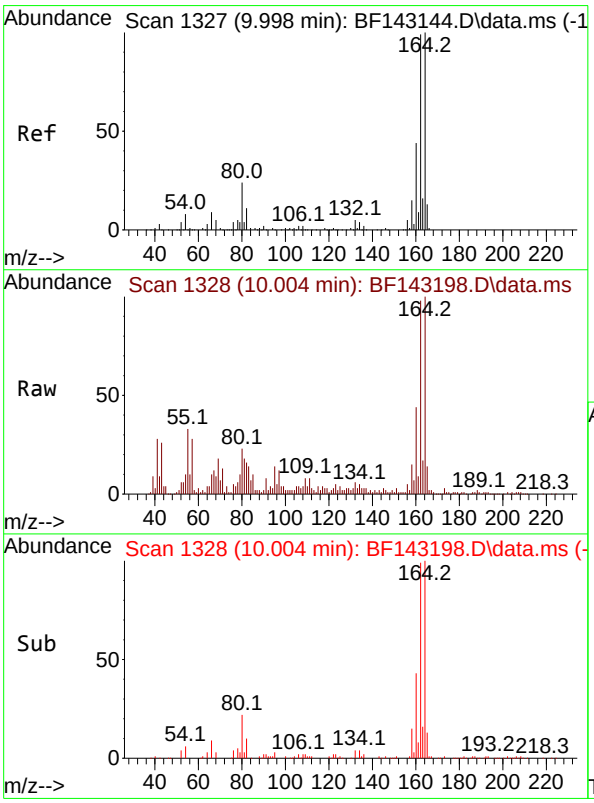
#37
2-Methylnaphthalene
Concen: 3.036 ng
RT: 8.975 min Scan# 11
Delta R.T. 0.018 min
Lab File: BF143198.D
Acq: 22 Jul 2025 19:51

Instrument :
BNA_F
ClientSampleId :
FRAC TANK

Tgt Ion:142 Resp: 31462

Ion	Ratio	Lower	Upper
142	100		
141	90.2	69.9	104.9

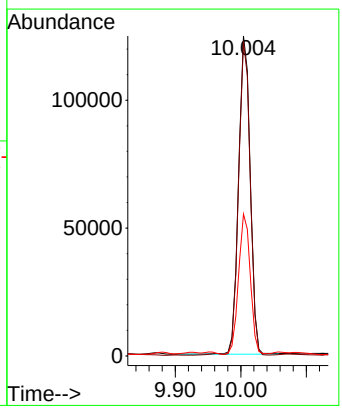


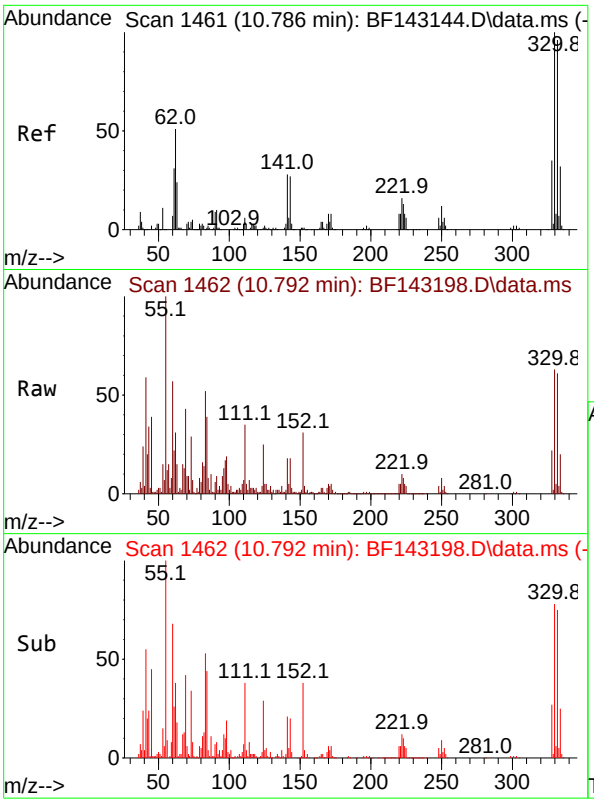


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.004 min Scan# 1328
Delta R.T. 0.006 min
Lab File: BF143198.D
Acq: 22 Jul 2025 19:51

Tgt Ion:164 Resp: 154112

Ion	Ratio	Lower	Upper
164	100		
162	98.4	79.0	118.6
160	44.3	35.1	52.7



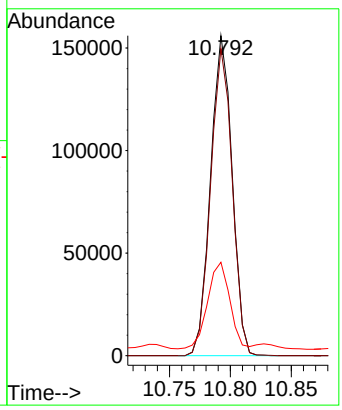


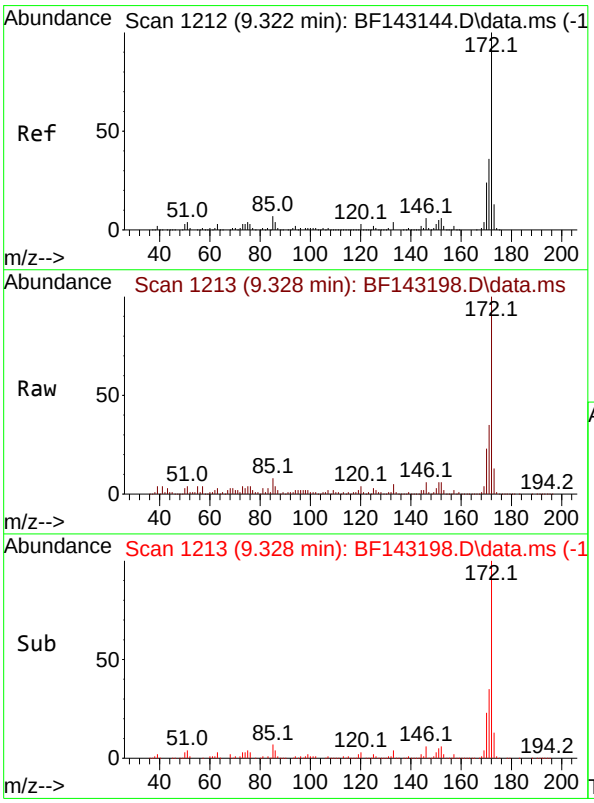
#42
2,4,6-Tribromophenol
Concen: 120.973 ng
RT: 10.792 min Scan# 14
Delta R.T. 0.006 min
Lab File: BF143198.D
Acq: 22 Jul 2025 19:51

Instrument :
BNA_F
ClientSampleId :
FRAC TANK

Tgt Ion:330 Resp: 192596

Ion	Ratio	Lower	Upper
330	100		
332	96.2	76.7	115.1
141	28.3	23.3	34.9

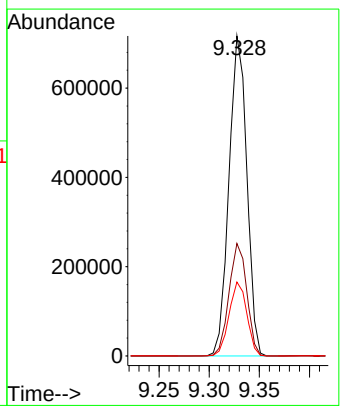


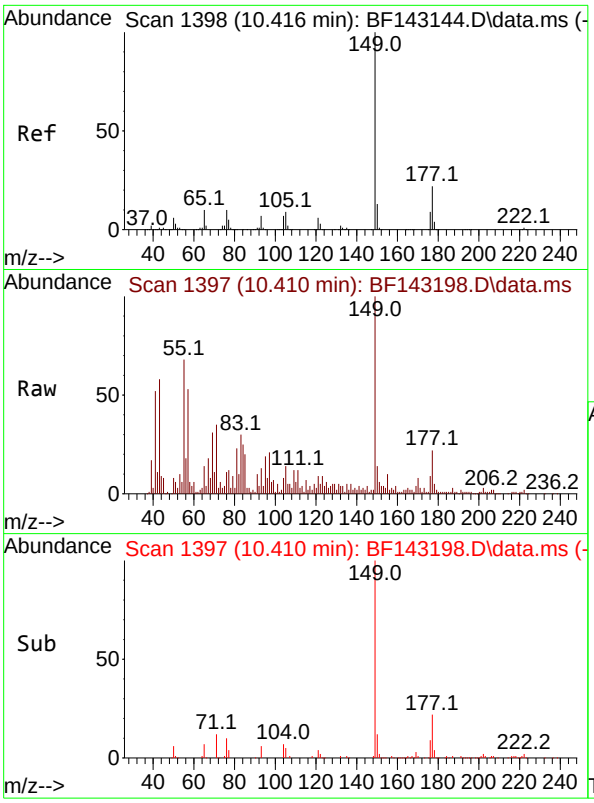


#45
2-Fluorobiphenyl
Concen: 78.597 ng
RT: 9.328 min Scan# 1213
Delta R.T. 0.006 min
Lab File: BF143198.D
Acq: 22 Jul 2025 19:51

Tgt Ion:172 Resp: 885683

Ion	Ratio	Lower	Upper
172	100		
171	35.1	28.6	42.8
170	23.1	18.8	28.2



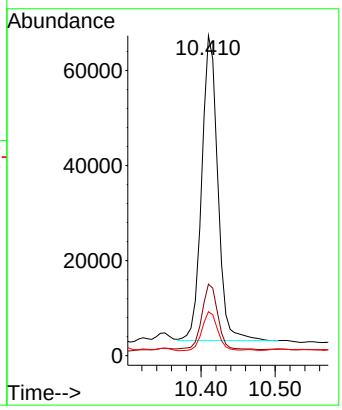


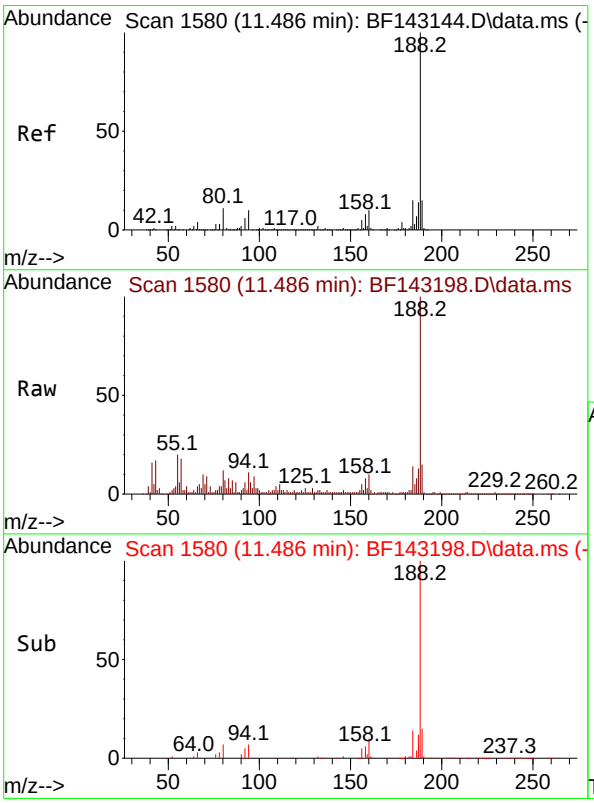
#60
Diethylphthalate
Concen: 9.789 ng
RT: 10.410 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143198.D
Acq: 22 Jul 2025 19:51

Instrument :
BNA_F
ClientSampleId :
FRAC TANK

Tgt Ion:149 Resp: 97198

Ion	Ratio	Lower	Upper
149	100		
177	22.4	17.5	26.3
150	13.7	10.2	15.2

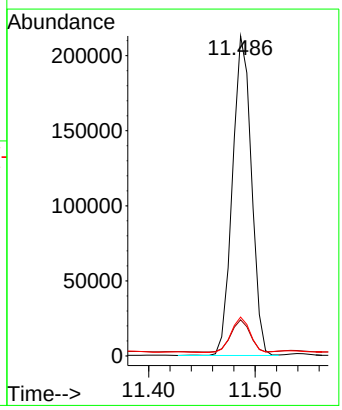


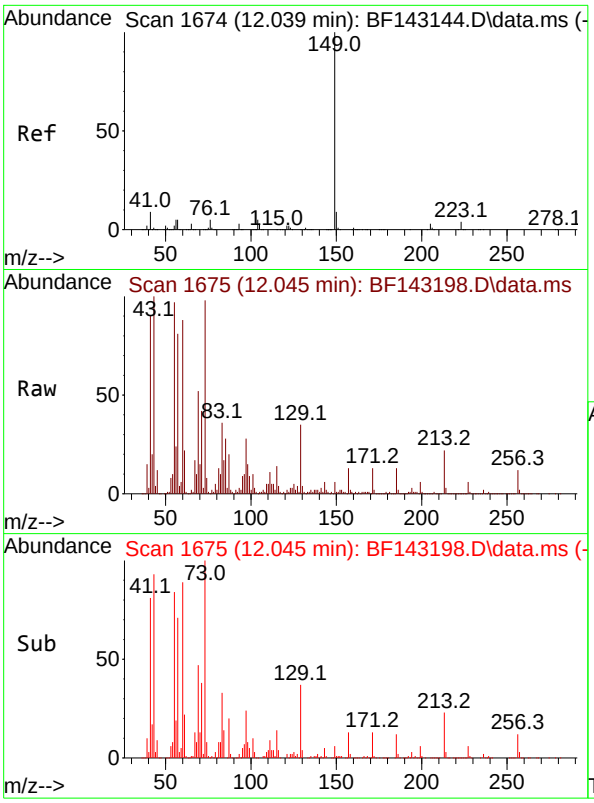


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.486 min Scan# 1580
Delta R.T. 0.000 min
Lab File: BF143198.D
Acq: 22 Jul 2025 19:51

Tgt Ion:188 Resp: 263977

Ion	Ratio	Lower	Upper
188	100		
94	11.3	8.3	12.5
80	12.1	9.0	13.6



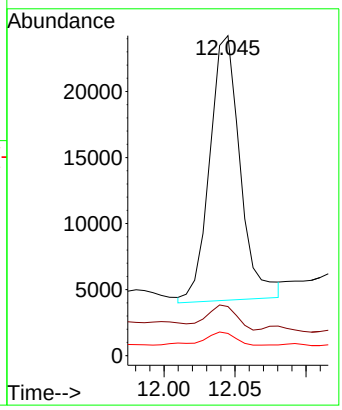


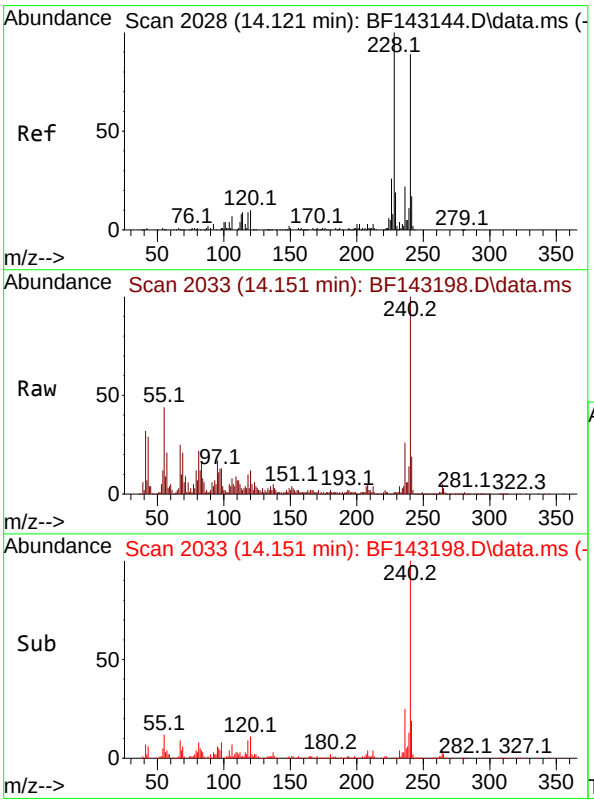
#74
Di-n-butylphthalate
Concen: 2.121 ng
RT: 12.045 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF143198.D
Acq: 22 Jul 2025 19:51

Instrument :
BNA_F
ClientSampleId :
FRAC TANK

Tgt Ion:149 Resp: 29957

Ion	Ratio	Lower	Upper
149	100		
150	15.4	7.4	11.2#
104	7.0	3.8	5.8#

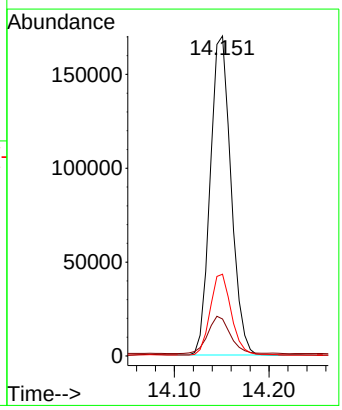


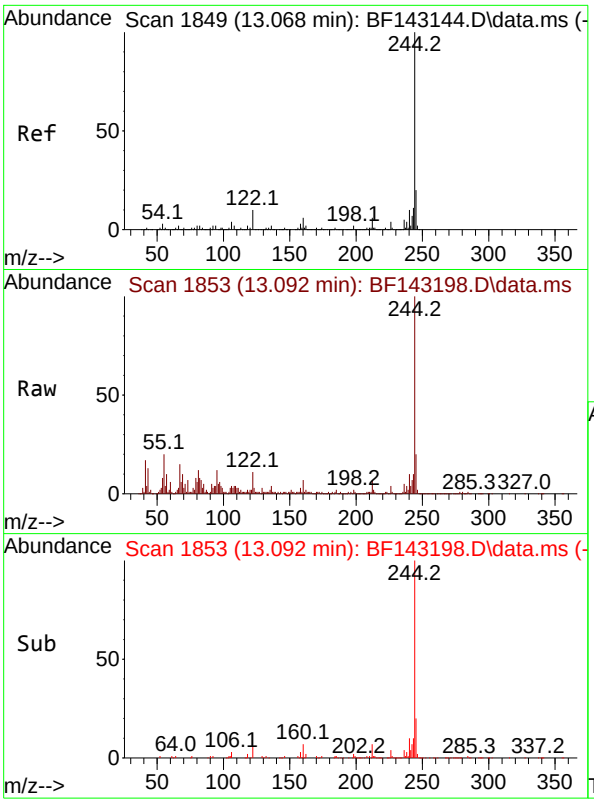


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.151 min Scan# 2033
Delta R.T. 0.029 min
Lab File: BF143198.D
Acq: 22 Jul 2025 19:51

Tgt Ion:240 Resp: 258410

Ion	Ratio	Lower	Upper
240	100		
120	11.6	9.4	14.2
236	25.5	20.2	30.4



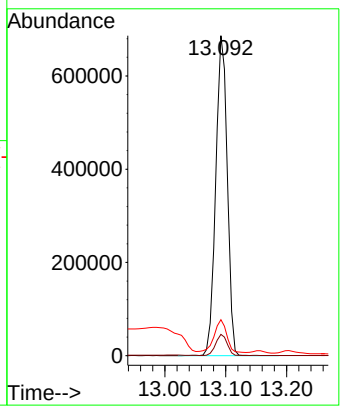


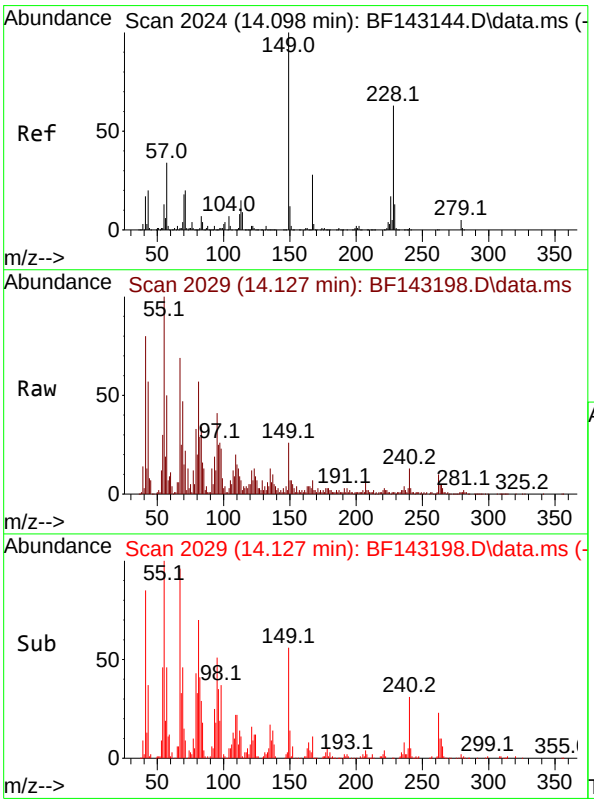
#79
Terphenyl-d14
Concen: 51.873 ng
RT: 13.092 min Scan# 1
Delta R.T. 0.024 min
Lab File: BF143198.D
Acq: 22 Jul 2025 19:51

Instrument :
BNA_F
ClientSampleId :
FRAC TANK

Tgt Ion:244 Resp: 900783

Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.2	7.8
122	11.2	8.2	12.2

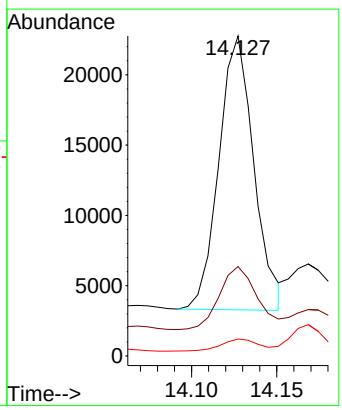


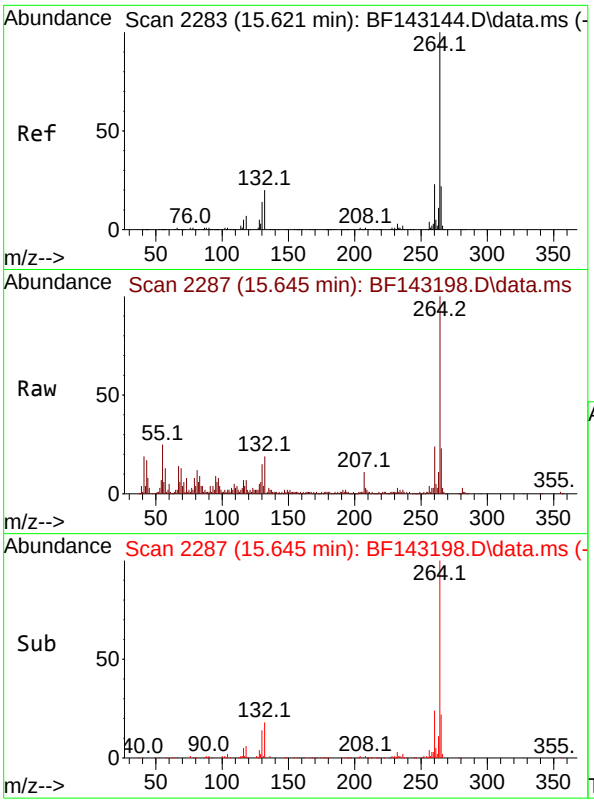


#84
Bis(2-ethylhexyl)phthalate
Concen: 2.715 ng
RT: 14.127 min Scan# 2029
Delta R.T. 0.029 min
Lab File: BF143198.D
Acq: 22 Jul 2025 19:51

Tgt Ion:149 Resp: 27750

Ion	Ratio	Lower	Upper
149	100		
167	27.9	22.3	33.5
279	5.3	3.6	5.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.645 min Scan# 2
Delta R.T. 0.024 min
Lab File: BF143198.D
Acq: 22 Jul 2025 19:51

Instrument :
BNA_F
ClientSampleId :
FRAC TANK

Tgt Ion:264 Resp: 120241

Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.5	27.7
265	22.9	17.4	26.2