Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020325\
Data File : BF141393.D
Acq On : 04 Feb 2025 02:09
Operator : RC/JU
Sample : Q1219-01 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
LAW-25-0015

Quant Time: Feb 04 03:40:40 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 29 17:41:25 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.798	152	83729	20.000	ng	0.00
21) Naphthalene-d8	8.075	136	300497	20.000	ng	-0.01
39) Acenaphthene-d10	9.833	164	129231	20.000	ng	0.00
64) Phenanthrene-d10	11.316	188	205059	20.000	ng	-0.01
76) Chrysene-d12	13.968	240	132719	20.000	ng	0.00
86) Perylene-d12	15.433	264	105086	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	18075	3.314	ng	0.02
7) Phenol-d6	6.451	99	21217	3.058	ng	0.01
23) Nitrobenzene-d5	7.351	82	15985	2.804	ng	-0.02
42) 2,4,6-Tribromophenol	10.622	330	3373	2.847	ng	-0.01
45) 2-Fluorobiphenyl	9.151	172	26698	3.180	ng	-0.01
79) Terphenyl-d14	12.910	244	24678	2.868	ng	0.00
Target Compounds						Qvalue
18) Hexachloroethane	7.328	117	7527	3.151	ng	# 1
31) Naphthalene	8.098	128	52345	3.297	ng	98
37) 2-Methylnaphthalene	8.786	142	48440	4.801	ng	99
38) 1-Methylnaphthalene	8.886	142	25629	2.586	ng	99
77) Benzidine	12.657	184	42298	9.941	ng	# 80
84) Bis(2-ethylhexyl)phtha...	13.957	149	49272	8.727	ng	# 80

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

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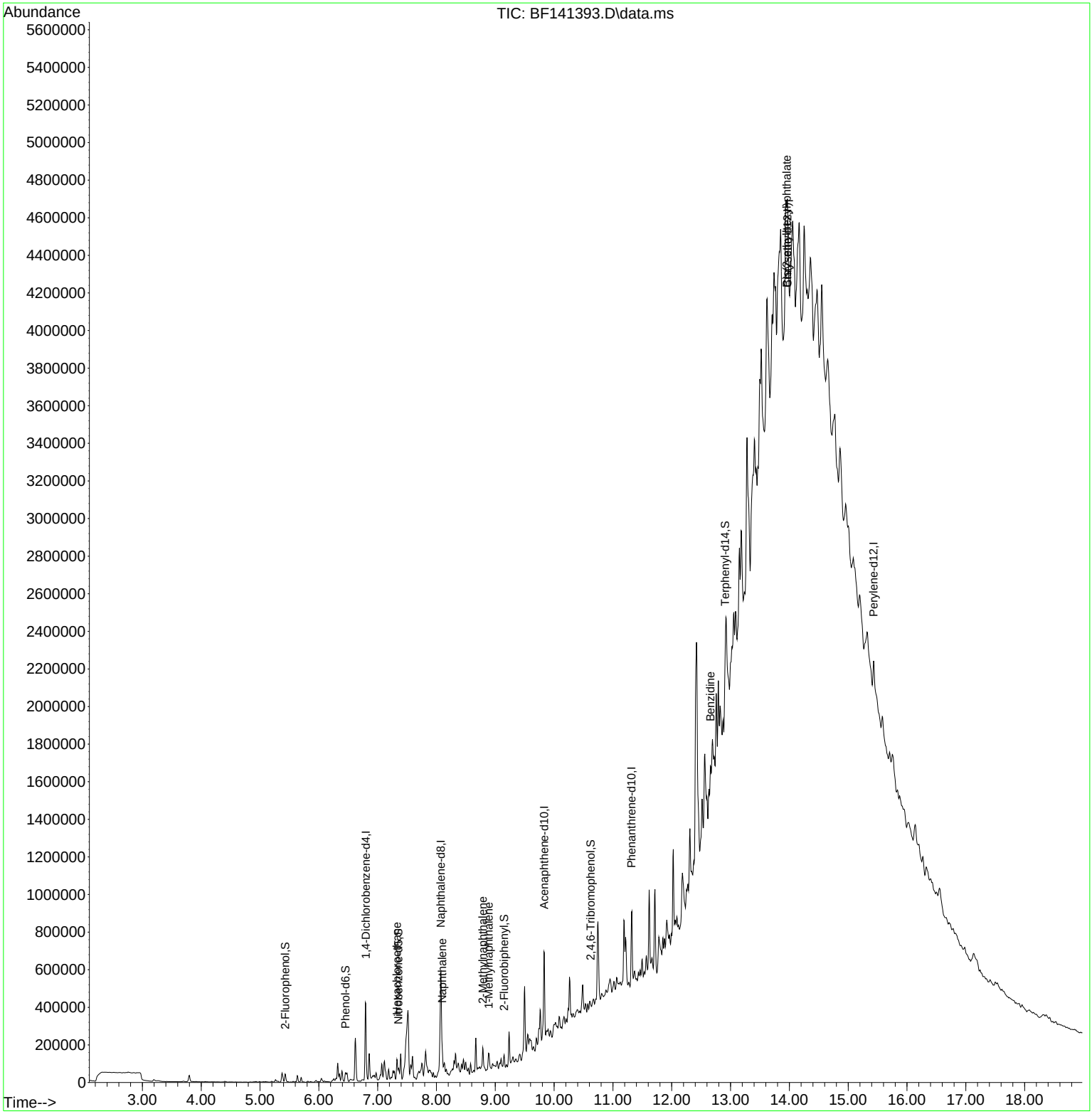
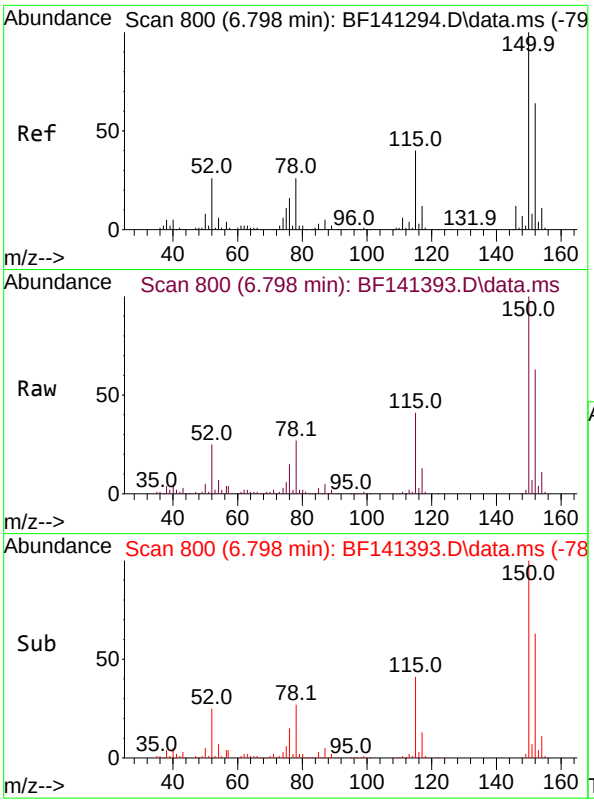


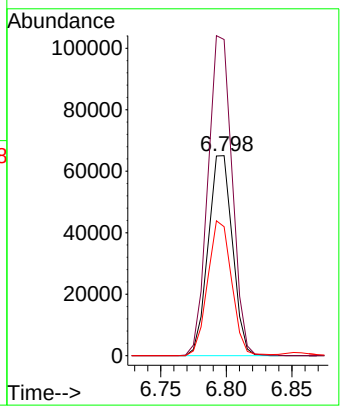


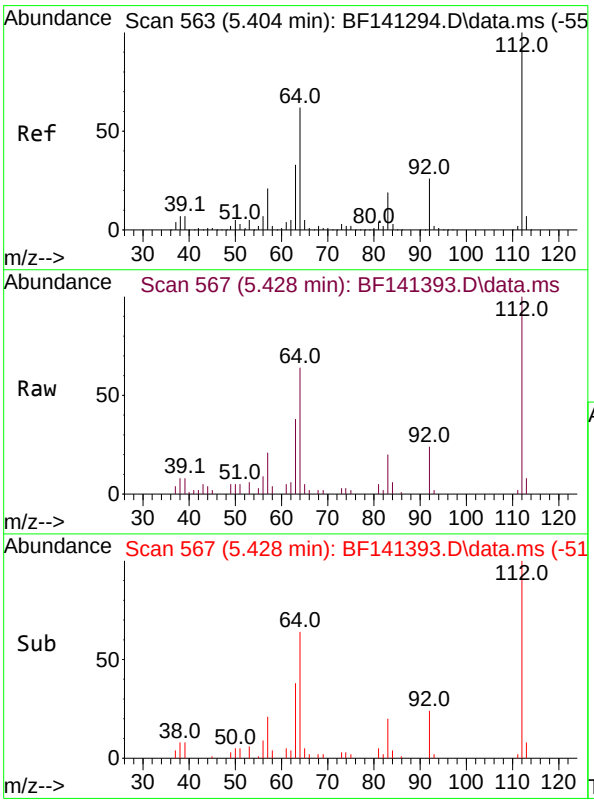
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.798 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF141393.D
Acq: 04 Feb 2025 02:09

Instrument :
BNA_F
ClientSampleId :
LAW-25-0015

Tgt Ion:152 Resp: 83729

Ion	Ratio	Lower	Upper
152	100		
150	158.1	125.9	188.9
115	64.5	49.7	74.5

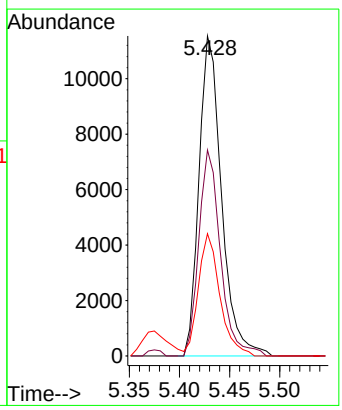


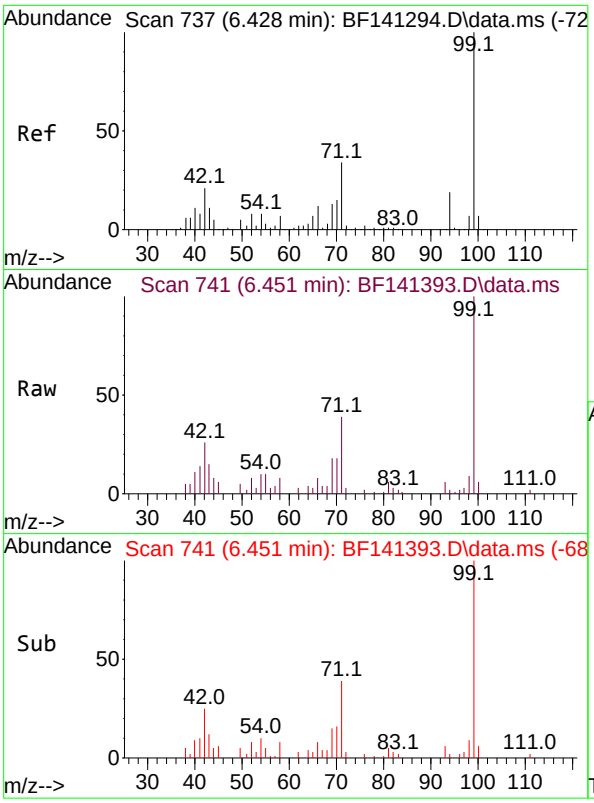


#5
2-Fluorophenol
Concen: 3.314 ng
RT: 5.428 min Scan# 567
Delta R.T. 0.018 min
Lab File: BF141393.D
Acq: 04 Feb 2025 02:09

Tgt Ion:112 Resp: 18075

Ion	Ratio	Lower	Upper
112	100		
64	64.3	49.8	74.8
63	38.2	26.1	39.1



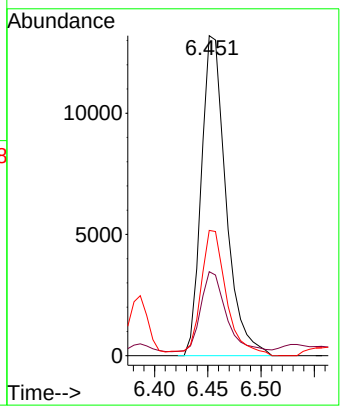


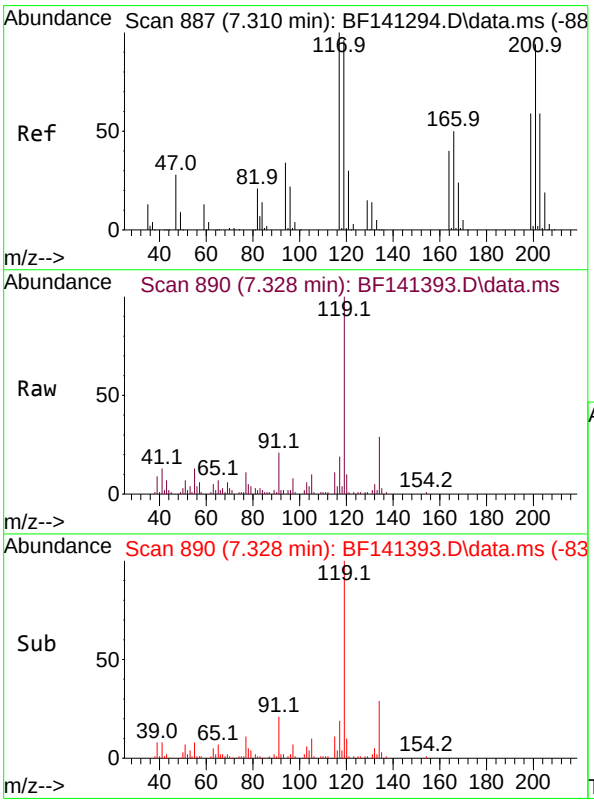
#7
Phenol-d6
Concen: 3.058 ng
RT: 6.451 min Scan# 74
Delta R.T. 0.012 min
Lab File: BF141393.D
Acq: 04 Feb 2025 02:09

Instrument :
BNA_F
ClientSampleId :
LAW-25-0015

Tgt Ion: 99 Resp: 21217

Ion	Ratio	Lower	Upper
99	100		
42	26.3	17.1	25.7#
71	39.2	26.9	40.3

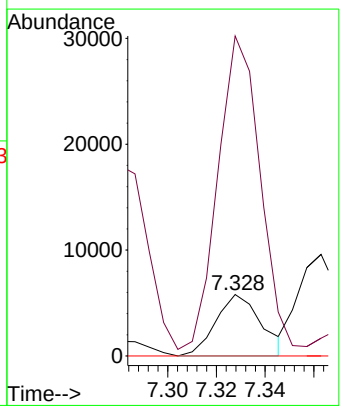


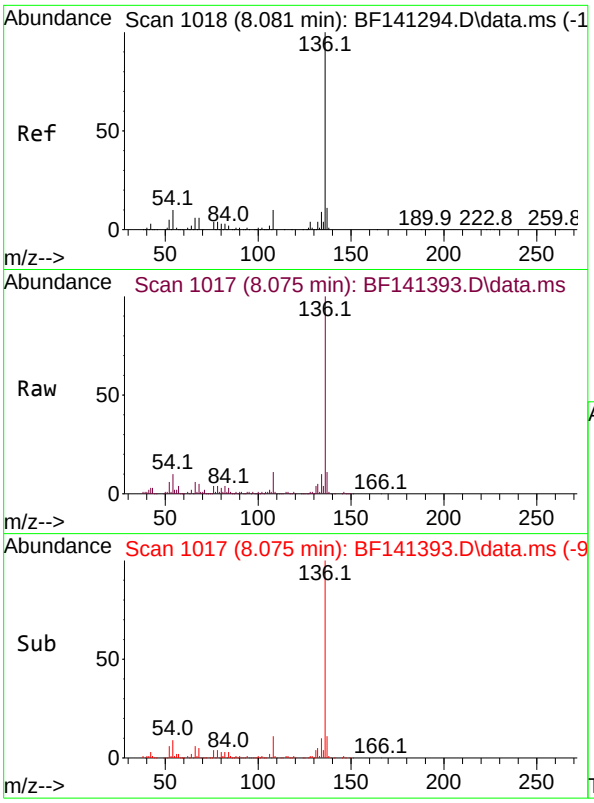


#18
Hexachloroethane
Concen: 3.151 ng
RT: 7.328 min Scan# 890
Delta R.T. 0.012 min
Lab File: BF141393.D
Acq: 04 Feb 2025 02:09

Tgt Ion:117 Resp: 7527

Ion	Ratio	Lower	Upper
117	100		
119	520.8	76.6	114.8#
201	0.0	74.8	112.2#



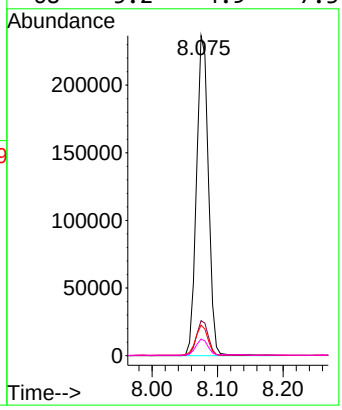


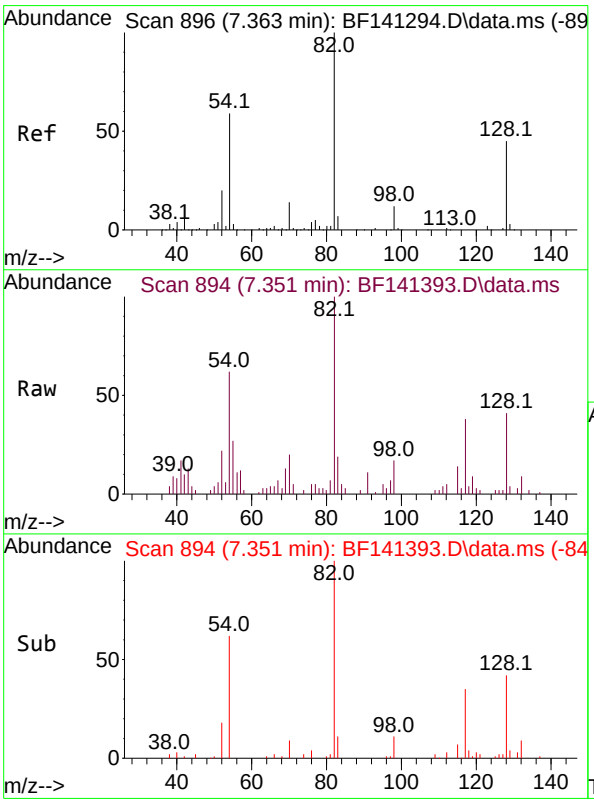
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.075 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF141393.D
Acq: 04 Feb 2025 02:09

Instrument :
BNA_F
ClientSampleId :
LAW-25-0015

Tgt Ion:136 Resp: 300497

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	13.0
54	9.6	7.8	11.8
68	5.2	4.9	7.3

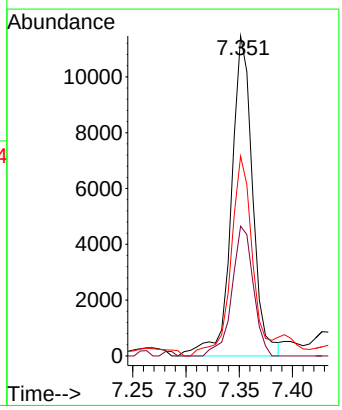


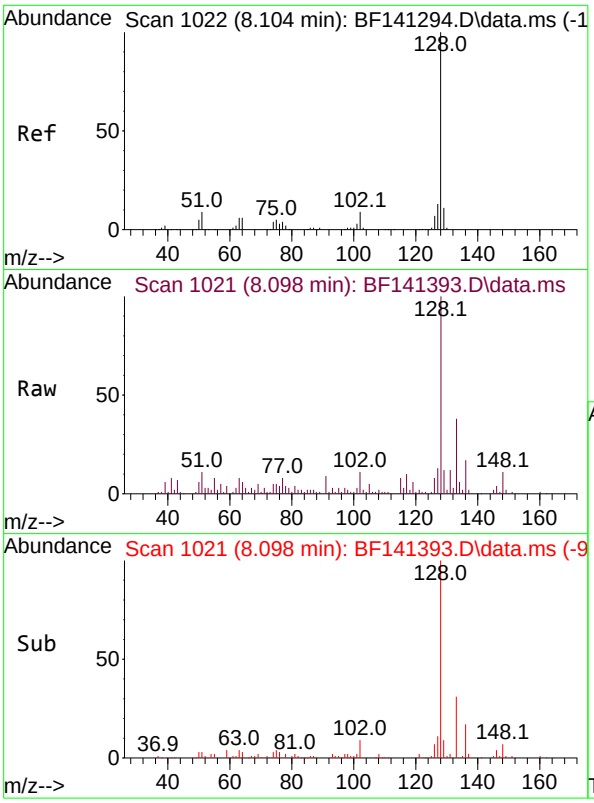


#23
Nitrobenzene-d5
Concen: 2.804 ng
RT: 7.351 min Scan# 894
Delta R.T. -0.018 min
Lab File: BF141393.D
Acq: 04 Feb 2025 02:09

Tgt Ion: 82 Resp: 15985

Ion	Ratio	Lower	Upper
82	100		
128	40.5	35.7	53.5
54	62.5	47.1	70.7



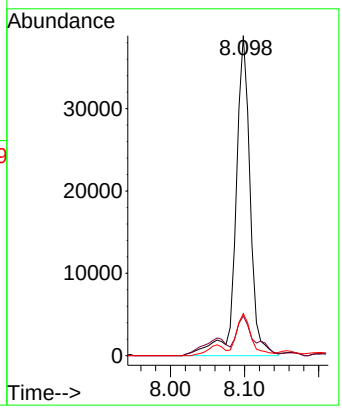


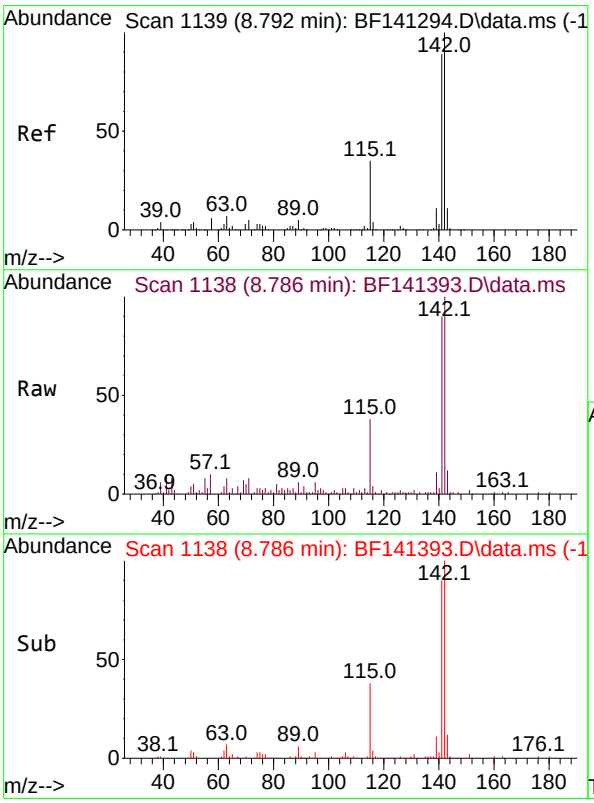
#31
Naphthalene
Concen: 3.297 ng
RT: 8.098 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF141393.D
Acq: 04 Feb 2025 02:09

Instrument :
BNA_F
ClientSampleId :
LAW-25-0015

Tgt Ion:128 Resp: 52345

Ion	Ratio	Lower	Upper
128	100		
129	12.5	8.9	13.3
127	13.2	10.6	15.8

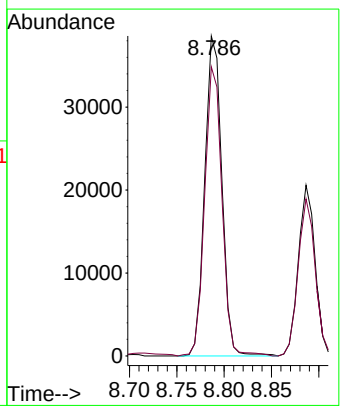


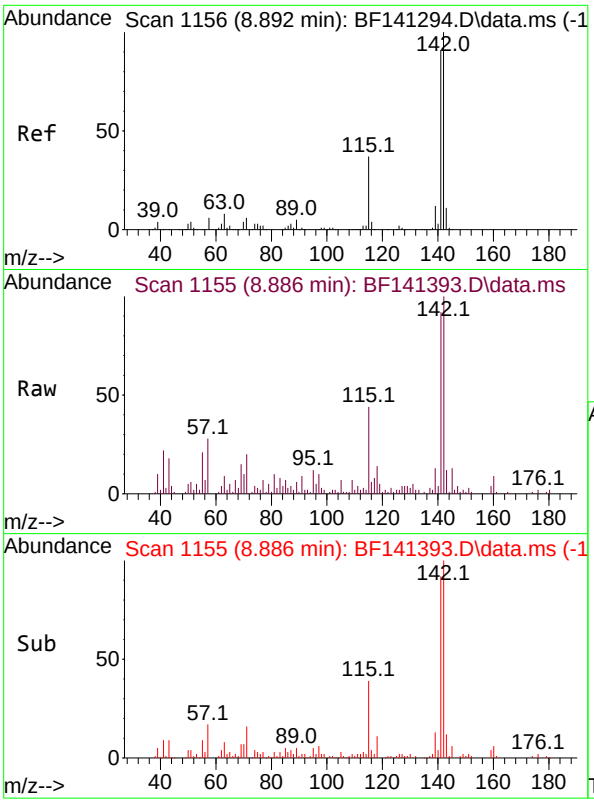


#37
2-Methylnaphthalene
Concen: 4.801 ng
RT: 8.786 min Scan# 1138
Delta R.T. -0.012 min
Lab File: BF141393.D
Acq: 04 Feb 2025 02:09

Tgt Ion:142 Resp: 48440

Ion	Ratio	Lower	Upper
142	100		
141	90.3	71.3	106.9



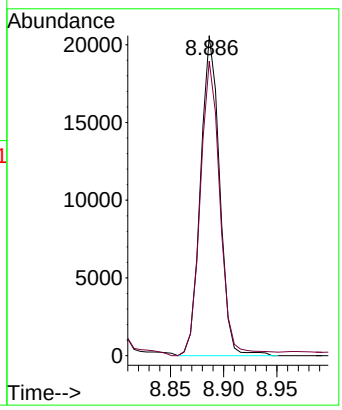


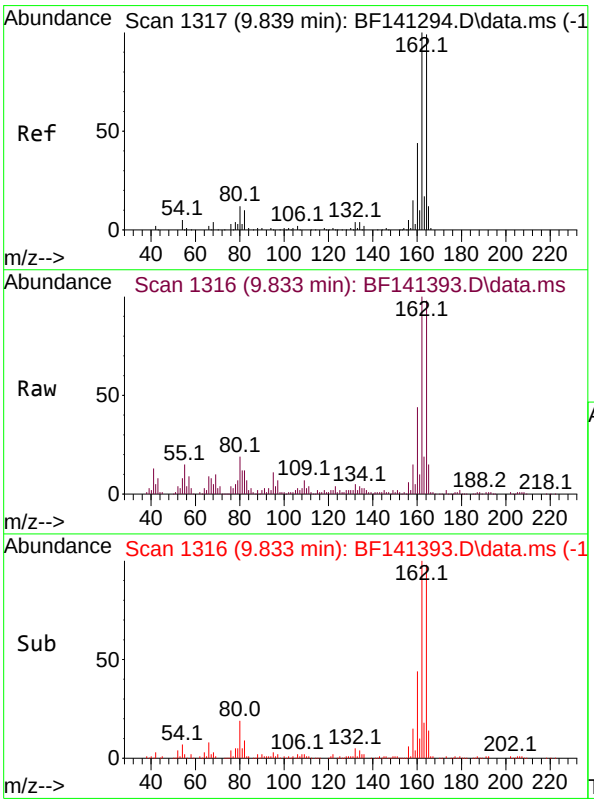
#38
1-Methylnaphthalene
Concen: 2.586 ng
RT: 8.886 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF141393.D
Acq: 04 Feb 2025 02:09

Instrument :
BNA_F
ClientSampleId :
LAW-25-0015

Tgt Ion:142 Resp: 25629

Ion	Ratio	Lower	Upper
142	100		
141	92.0	73.2	109.8

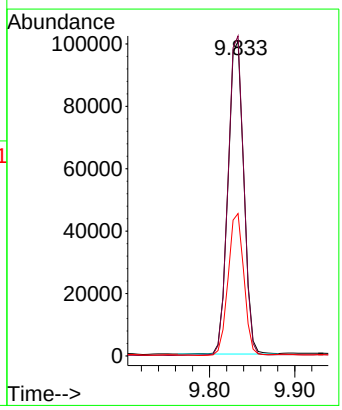


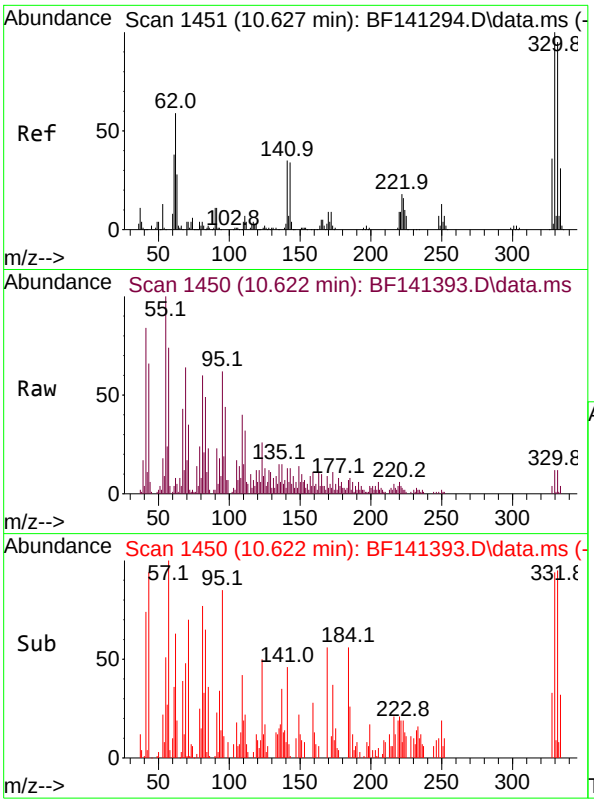


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.833 min Scan# 1316
Delta R.T. -0.006 min
Lab File: BF141393.D
Acq: 04 Feb 2025 02:09

Tgt Ion:164 Resp: 129231

Ion	Ratio	Lower	Upper
164	100		
162	101.6	80.6	121.0
160	45.2	35.8	53.6



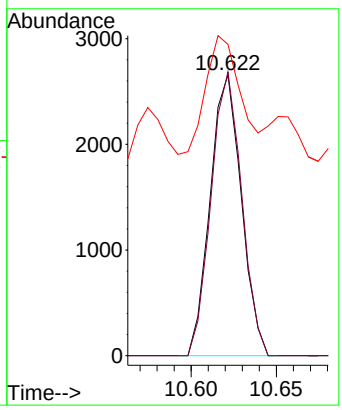


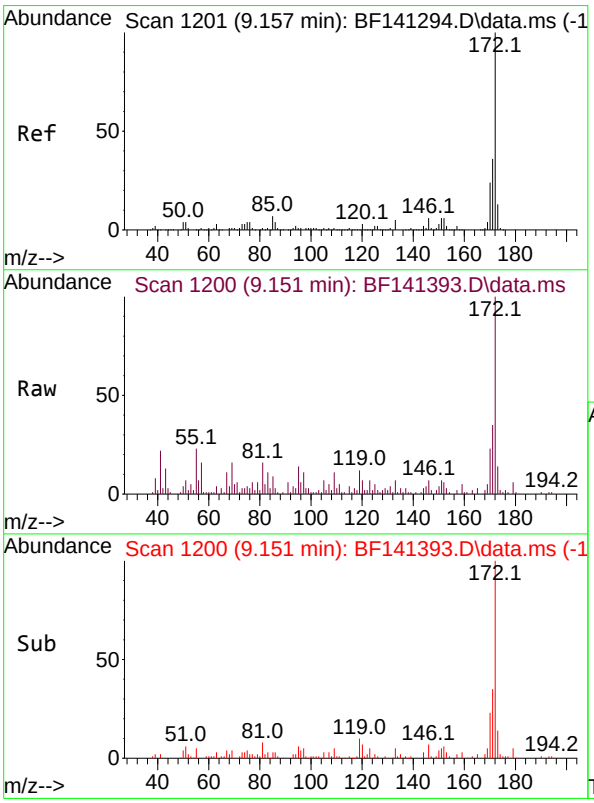
#42
2,4,6-Tribromophenol
Concen: 2.847 ng
RT: 10.622 min Scan# 14
Delta R.T. -0.012 min
Lab File: BF141393.D
Acq: 04 Feb 2025 02:09

Instrument :
BNA_F
ClientSampleId :
LAW-25-0015

Tgt Ion:330 Resp: 3373

Ion	Ratio	Lower	Upper
330	100		
332	99.3	76.1	114.1
141	46.2	28.8	43.2#

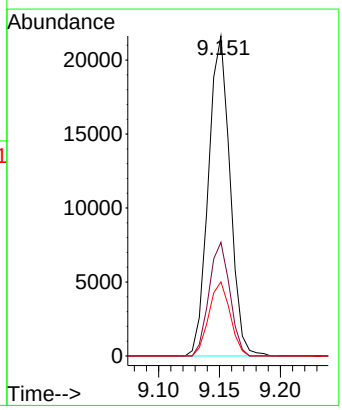


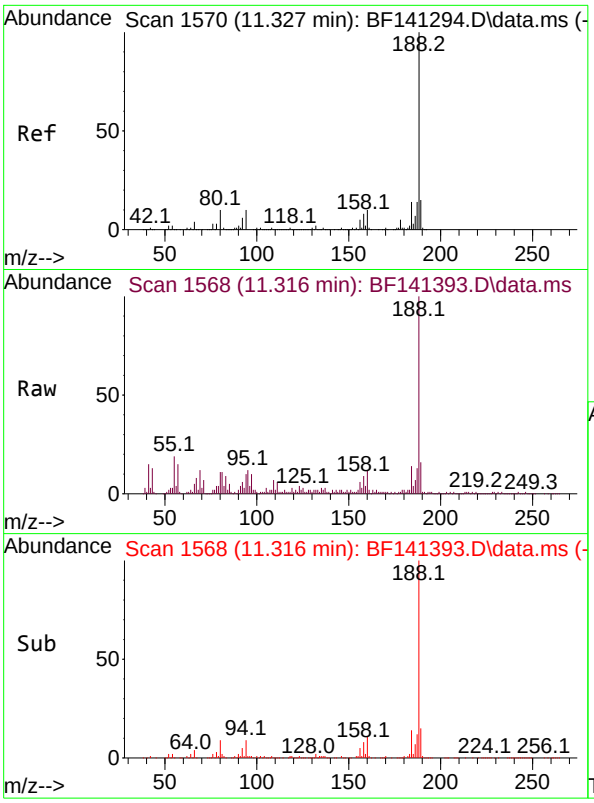


#45
2-Fluorobiphenyl
Concen: 3.180 ng
RT: 9.151 min Scan# 1200
Delta R.T. -0.012 min
Lab File: BF141393.D
Acq: 04 Feb 2025 02:09

Tgt Ion:172 Resp: 26698

Ion	Ratio	Lower	Upper
172	100		
171	35.5	28.8	43.2
170	23.2	19.0	28.6



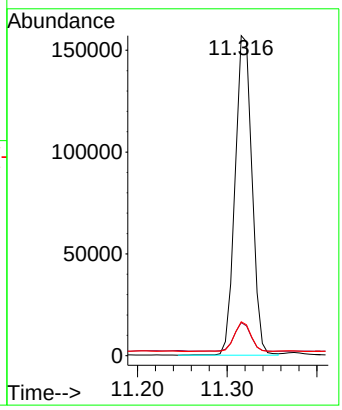


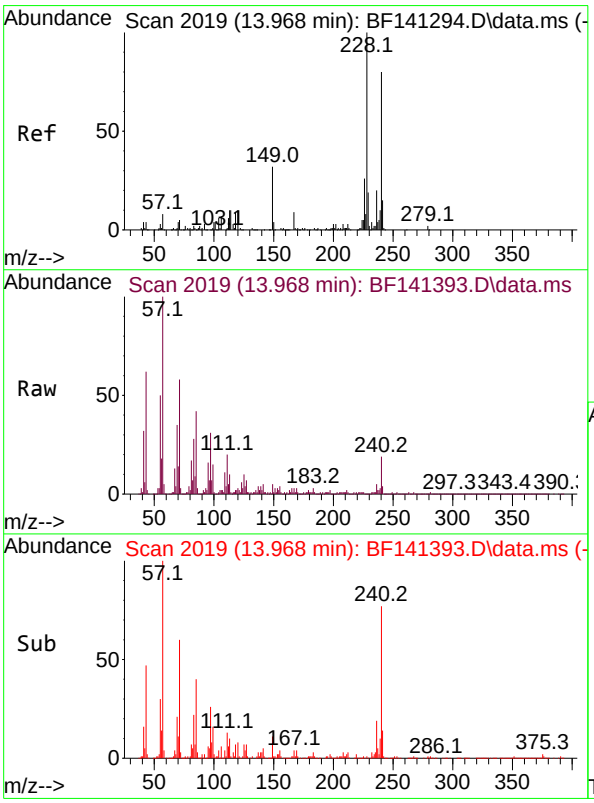
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.316 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF141393.D
Acq: 04 Feb 2025 02:09

Instrument :
BNA_F
ClientSampleId :
LAW-25-0015

Tgt Ion:188 Resp: 205059

Ion	Ratio	Lower	Upper
188	100		
94	10.3	7.8	11.6
80	10.6	8.2	12.4

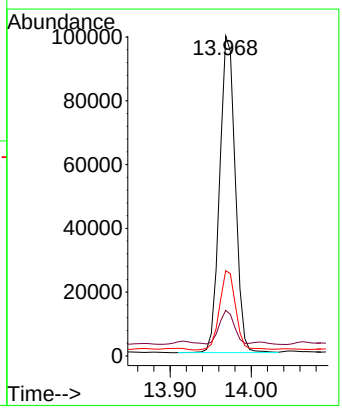


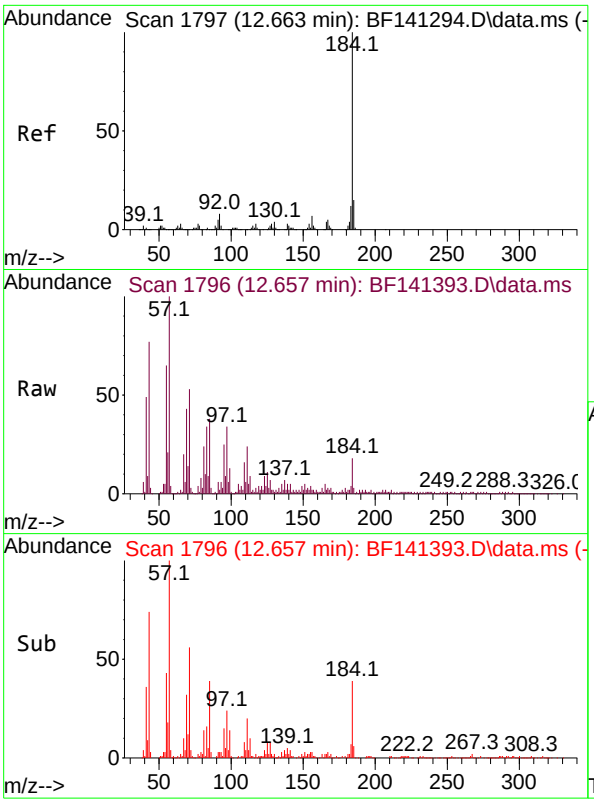


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.968 min Scan# 2019
Delta R.T. -0.006 min
Lab File: BF141393.D
Acq: 04 Feb 2025 02:09

Tgt Ion:240 Resp: 132719

Ion	Ratio	Lower	Upper
240	100		
120	14.3	10.0	15.0
236	26.7	19.7	29.5



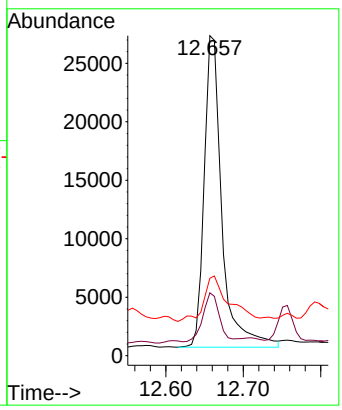


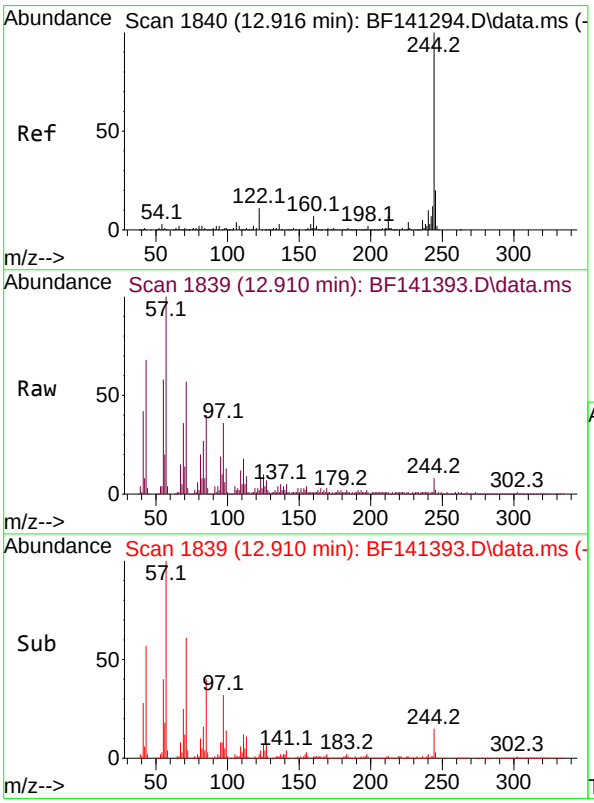
#77
Benzidine
Concen: 9.941 ng
RT: 12.657 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF141393.D
Acq: 04 Feb 2025 02:09

Instrument :
BNA_F
ClientSampleId :
LAW-25-0015

Tgt Ion:184 Resp: 42298

Ion	Ratio	Lower	Upper
184	100		
185	19.6	11.9	17.9#
183	24.2	9.5	14.3#

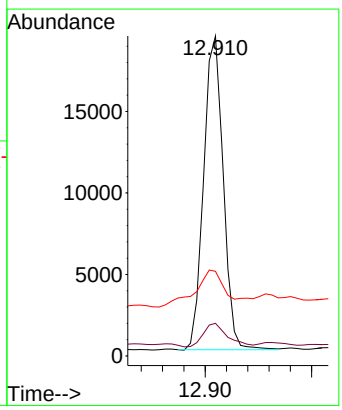


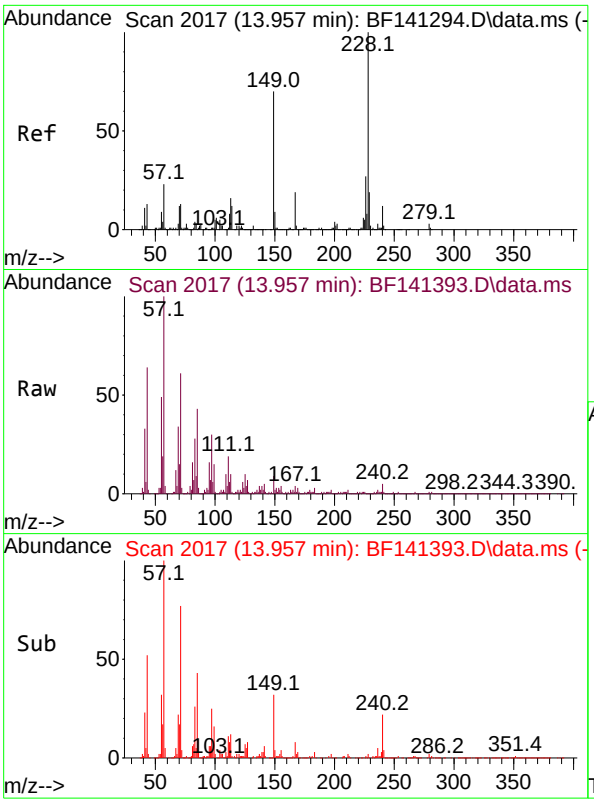


#79
Terphenyl-d14
Concen: 2.868 ng
RT: 12.910 min Scan# 1839
Delta R.T. -0.006 min
Lab File: BF141393.D
Acq: 04 Feb 2025 02:09

Tgt Ion:244 Resp: 24678

Ion	Ratio	Lower	Upper
244	100		
212	10.2	5.4	8.0#
122	26.4	8.8	13.2#



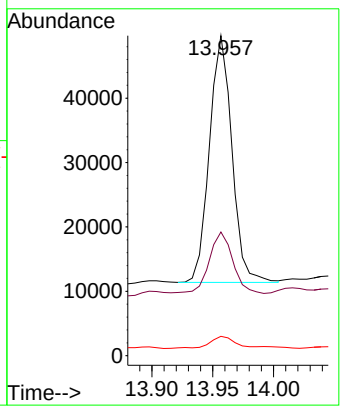


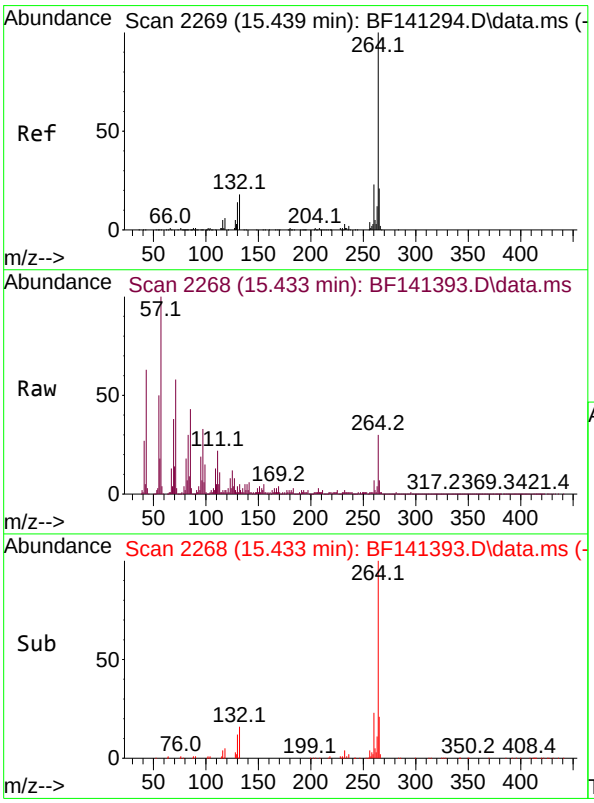
#84
Bis(2-ethylhexyl)phthalate
Concen: 8.727 ng
RT: 13.957 min Scan# 2
Delta R.T. -0.000 min
Lab File: BF141393.D
Acq: 04 Feb 2025 02:09

Instrument :
BNA_F
ClientSampleId :
LAW-25-0015

Tgt Ion:149 Resp: 49272

Ion	Ratio	Lower	Upper
149	100		
167	38.7	21.8	32.8#
279	6.0	3.3	4.9#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.433 min Scan# 2268
Delta R.T. -0.006 min
Lab File: BF141393.D
Acq: 04 Feb 2025 02:09

Tgt Ion:264 Resp: 105086

Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.6	27.8
265	22.1	16.7	25.1