Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121924\
Data File : BF140922.D
Acq On : 19 Dec 2024 13:29
Operator : RC/JU
Sample : P5312-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CONCRETE-VNJ-222

Quant Time: Dec 19 13:52:52 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 16 16:59:50 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	58228	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	220188	20.000	ng	0.00
39) Acenaphthene-d10	9.881	164	116582	20.000	ng	0.00
64) Phenanthrene-d10	11.375	188	194511	20.000	ng	0.00
76) Chrysene-d12	14.027	240	118632	20.000	ng	0.00
86) Perylene-d12	15.533	264	132279	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	208006	58.806	ng	0.01
7) Phenol-d6	6.498	99	334383	71.373	ng	0.00
23) Nitrobenzene-d5	7.410	82	251009	57.034	ng	0.00
42) 2,4,6-Tribromophenol	10.680	330	55453	40.217	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	477515	56.313	ng	0.00
79) Terphenyl-d14	12.957	244	419590	55.772	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.410	70	34110	12.138	ng	# 77
25) Isophorone	7.410	82	247114	33.511	ng	# 65
51) 2,6-Dinitrotoluene	9.881	165	15251	8.117	ng	# 21
56) 4-Nitrophenol	9.981	139	189	4.620	ng	# 15
57) 2,4-Dinitrotoluene	9.881	165	15251	6.169	ng	# 15

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

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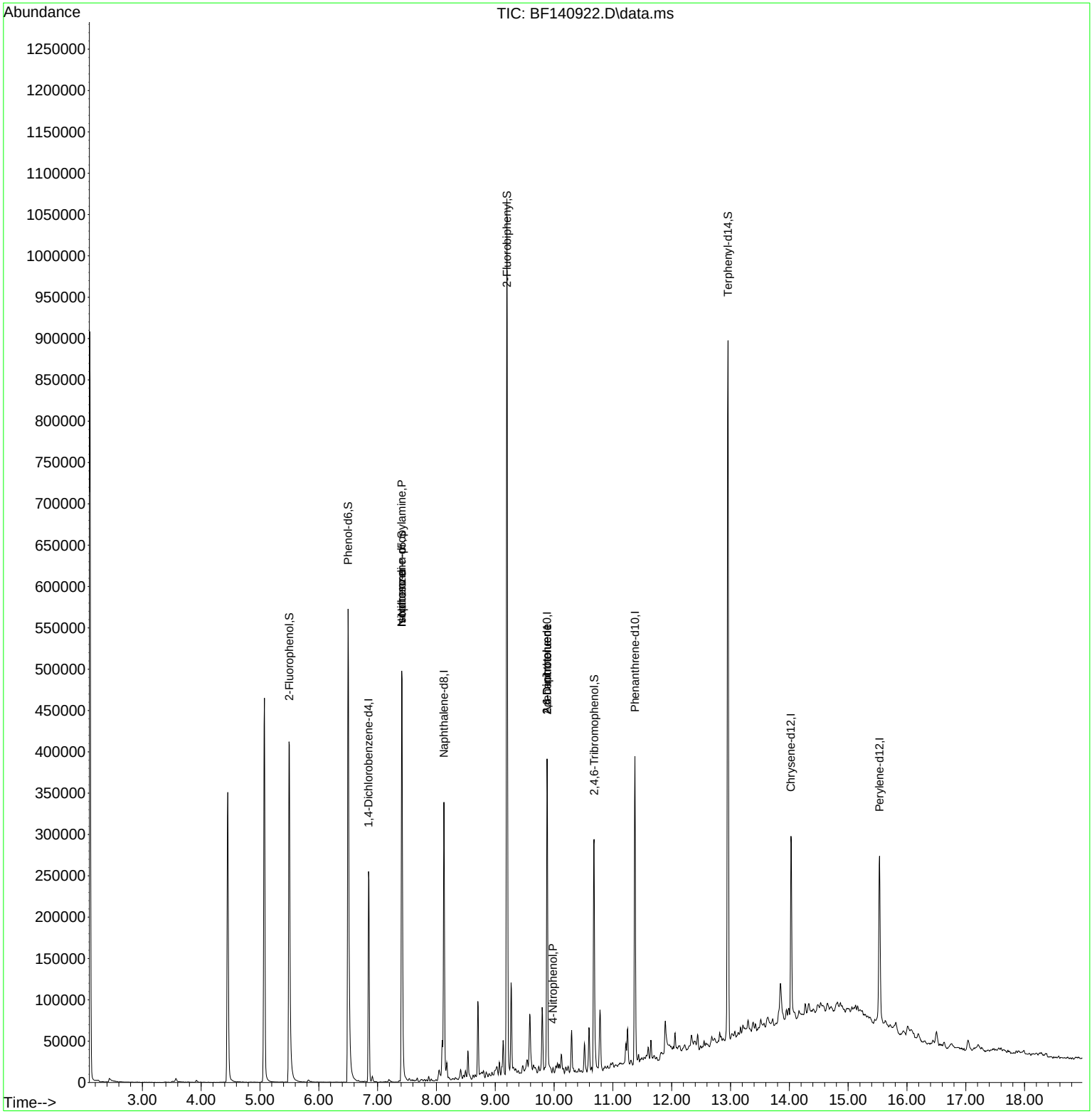
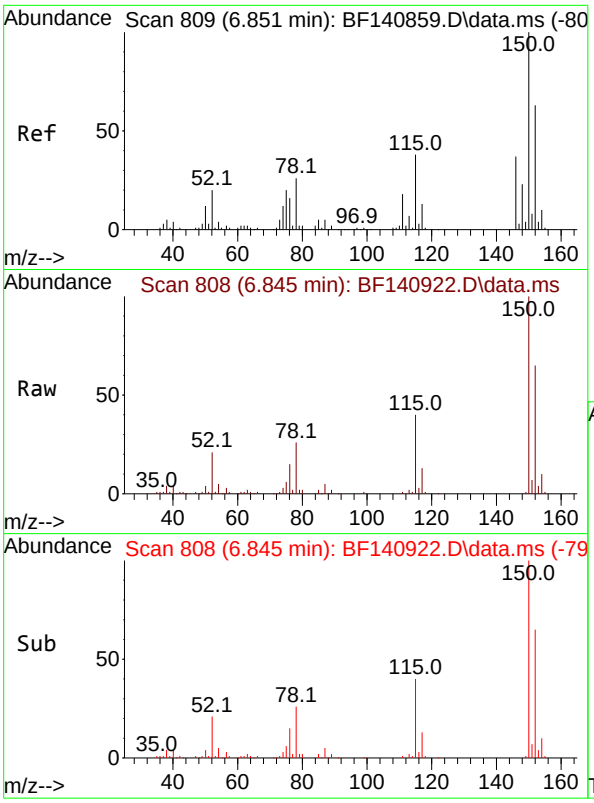


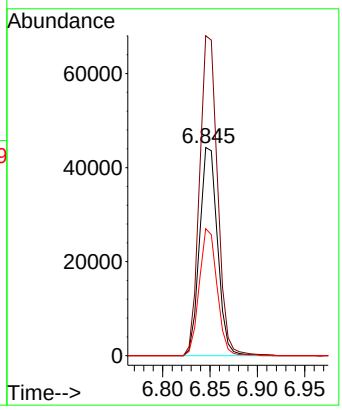


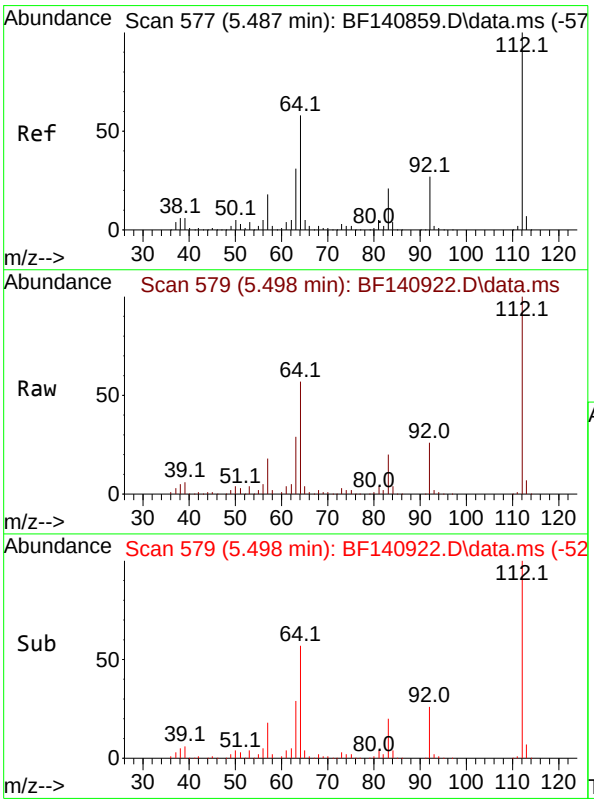
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.845 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF140922.D
Acq: 19 Dec 2024 13:29

Instrument :
BNA_F
ClientSampleId :
CONCRETE-VNJ-222

Tgt Ion:152 Resp: 58228

Ion	Ratio	Lower	Upper
152	100		
150	153.7	127.9	191.9
115	61.0	48.0	72.0

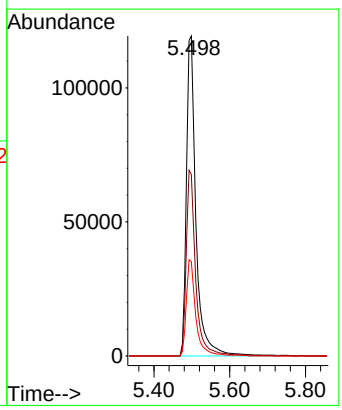


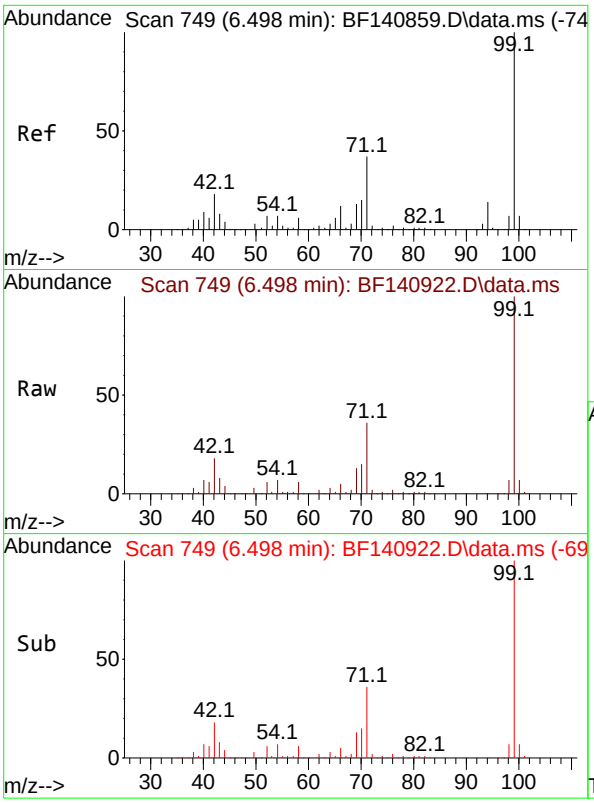


#5
2-Fluorophenol
Concen: 58.806 ng
RT: 5.498 min Scan# 579
Delta R.T. 0.012 min
Lab File: BF140922.D
Acq: 19 Dec 2024 13:29

Tgt Ion:112 Resp: 208006

Ion	Ratio	Lower	Upper
112	100		
64	56.8	46.1	69.1
63	29.5	24.9	37.3



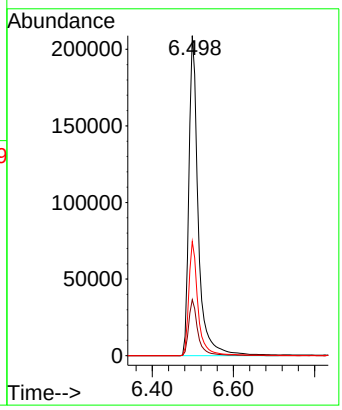


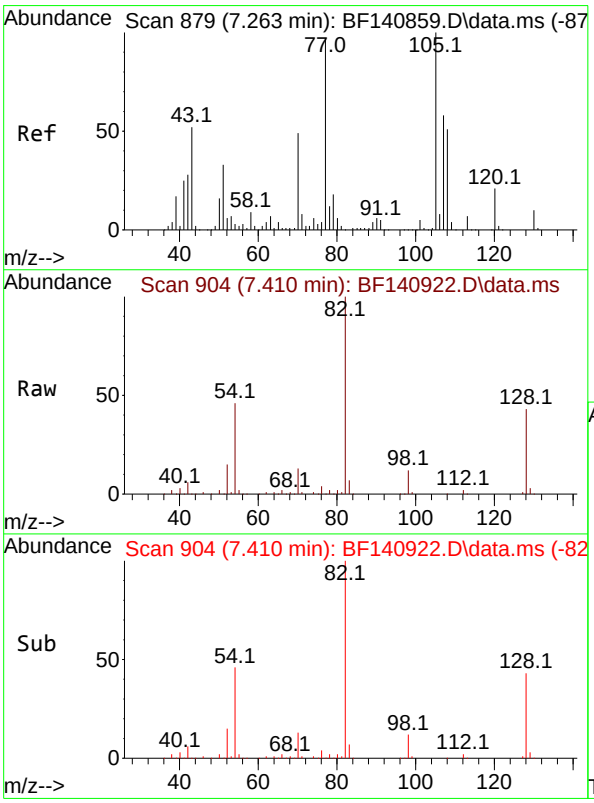
#7
Phenol-d6
Concen: 71.373 ng
RT: 6.498 min Scan# 74
Delta R.T. -0.000 min
Lab File: BF140922.D
Acq: 19 Dec 2024 13:29

Instrument :
BNA_F
ClientSampleId :
CONCRETE-VNJ-222

Tgt Ion: 99 Resp: 334383

Ion	Ratio	Lower	Upper
99	100		
42	17.5	14.3	21.5
71	35.6	29.9	44.9

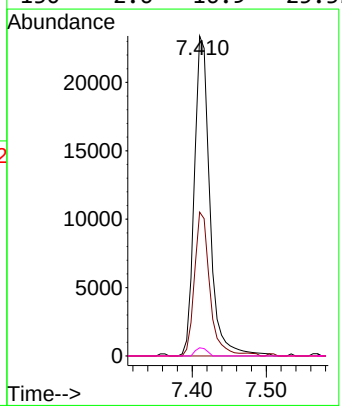


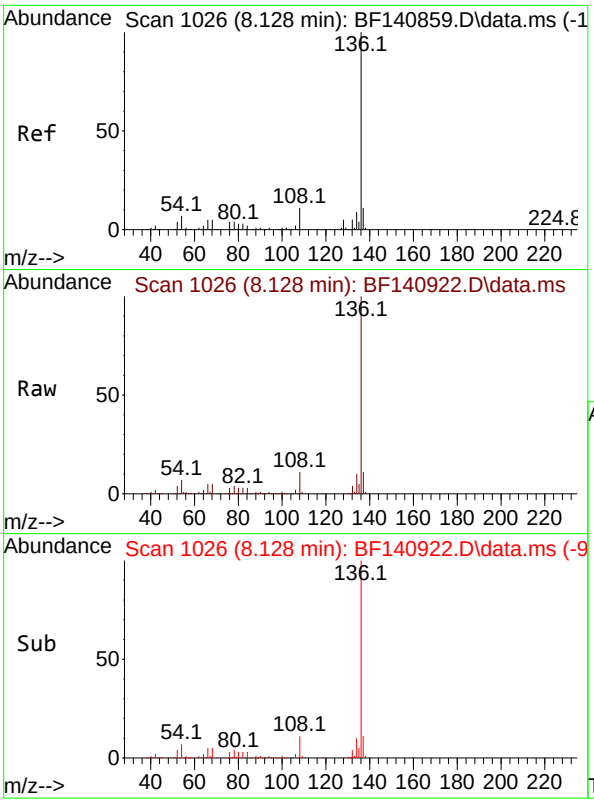


#19
n-Nitroso-di-n-propylamine
Concen: 12.138 ng
RT: 7.410 min Scan# 904
Delta R.T. 0.147 min
Lab File: BF140922.D
Acq: 19 Dec 2024 13:29

Tgt Ion: 70 Resp: 34110

Ion	Ratio	Lower	Upper
70	100		
42	45.0	45.3	67.9#
101	0.0	8.0	12.0#
130	2.6	16.9	25.3#



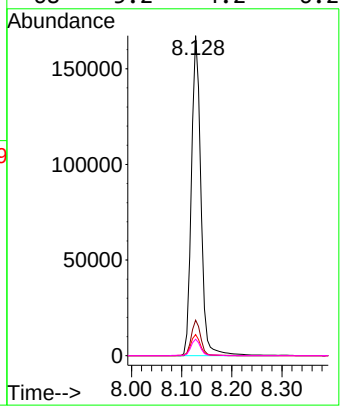


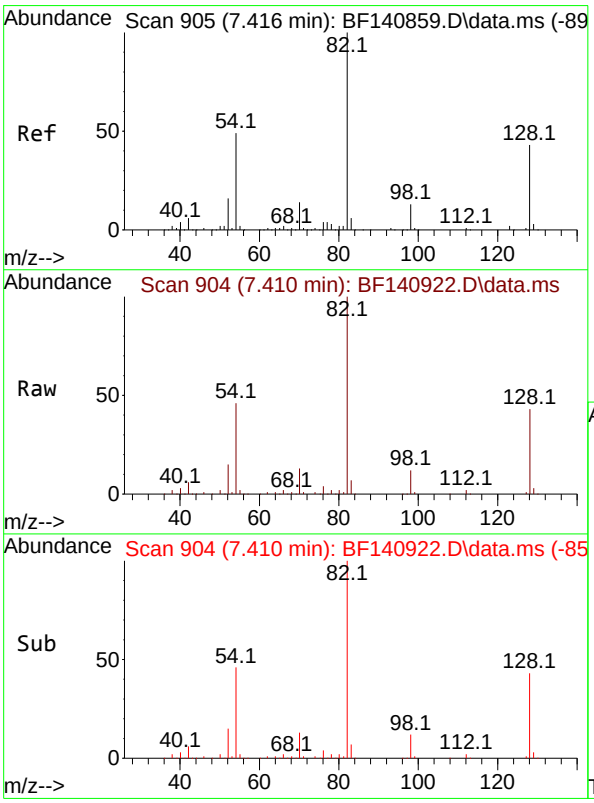
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.128 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF140922.D
Acq: 19 Dec 2024 13:29

Instrument :
BNA_F
ClientSampleId :
CONCRETE-VNJ-222

Tgt Ion:136 Resp: 220188

Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.0	13.4
54	6.6	5.6	8.4
68	5.2	4.2	6.2

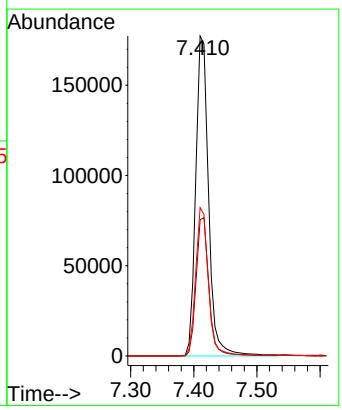


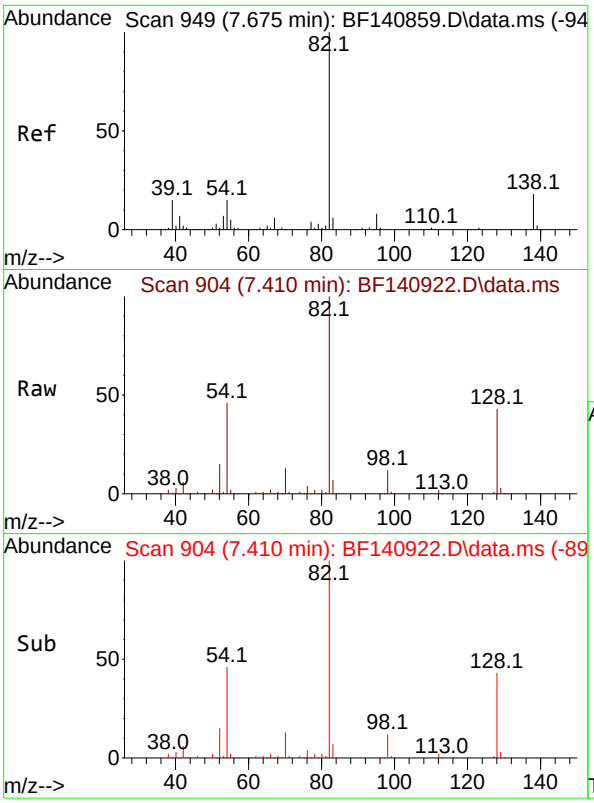


#23
Nitrobenzene-d5
Concen: 57.034 ng
RT: 7.410 min Scan# 904
Delta R.T. -0.006 min
Lab File: BF140922.D
Acq: 19 Dec 2024 13:29

Tgt Ion: 82 Resp: 251009

Ion	Ratio	Lower	Upper
82	100		
128	42.6	34.4	51.6
54	46.3	38.8	58.2



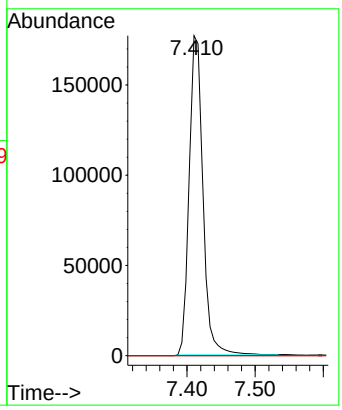


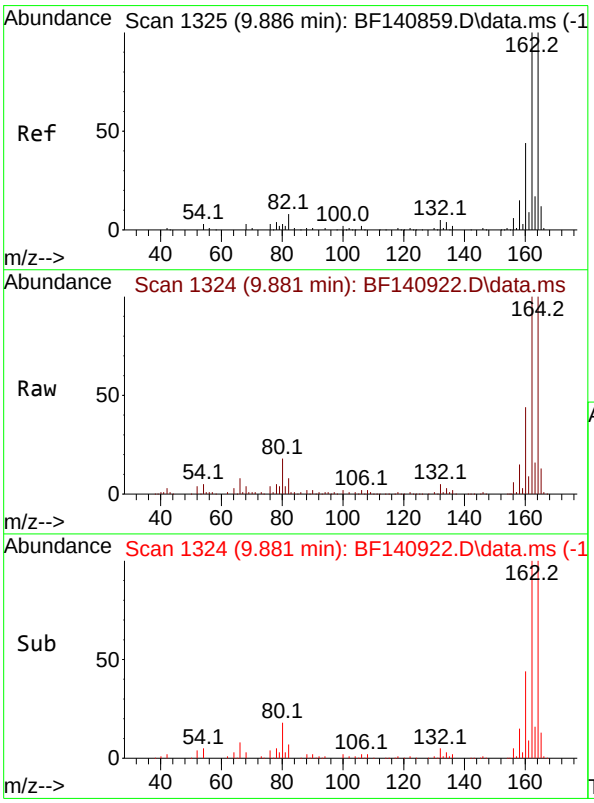
#25
Isophorone
Concen: 33.511 ng
RT: 7.410 min Scan# 9
Delta R.T. -0.265 min
Lab File: BF140922.D
Acq: 19 Dec 2024 13:29

Instrument :
BNA_F
ClientSampleId :
CONCRETE-VNJ-222

Tgt Ion: 82 Resp: 247114

Ion	Ratio	Lower	Upper
82	100		
95	0.0	6.3	9.5#
138	0.0	14.1	21.1#

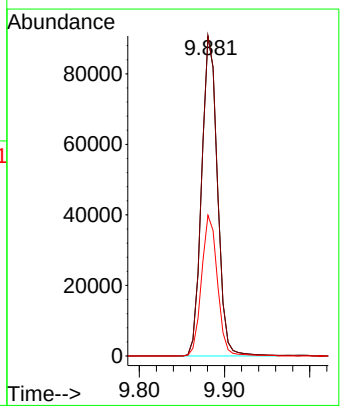


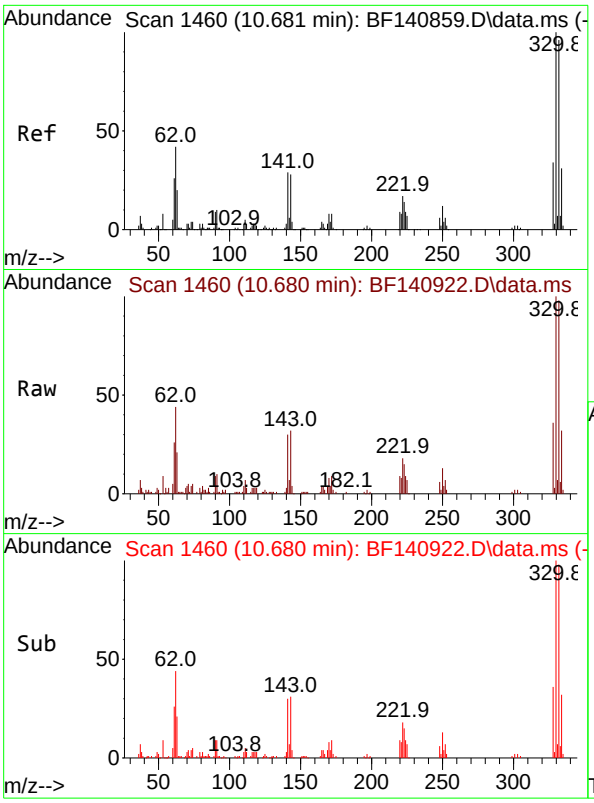


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.881 min Scan# 1324
Delta R.T. -0.006 min
Lab File: BF140922.D
Acq: 19 Dec 2024 13:29

Tgt Ion:164 Resp: 116582

Ion	Ratio	Lower	Upper
164	100		
162	100.2	79.9	119.9
160	44.0	35.2	52.8



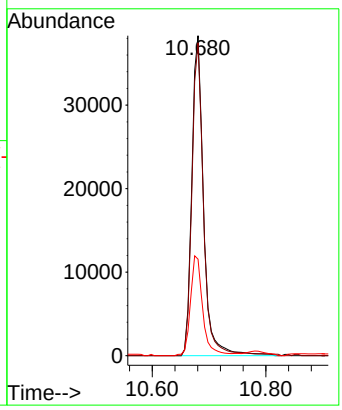


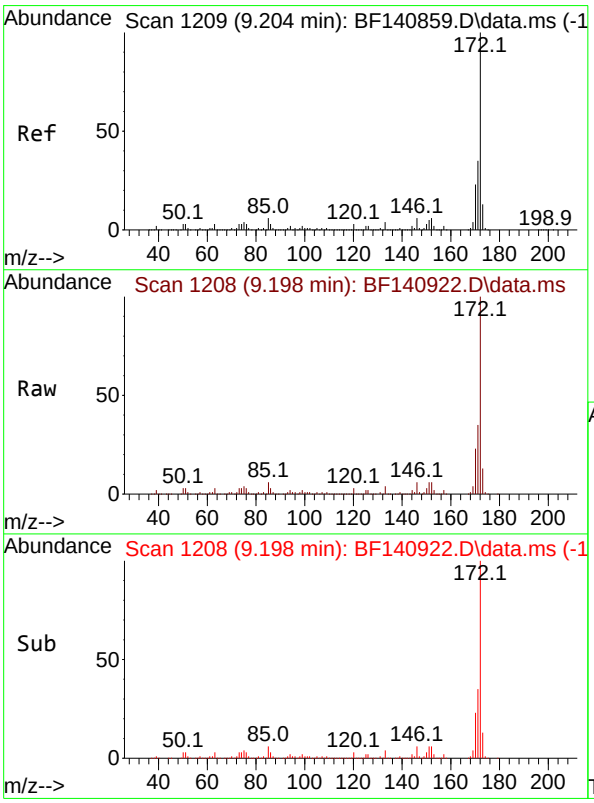
#42
2,4,6-Tribromophenol
Concen: 40.217 ng
RT: 10.680 min Scan# 14
Delta R.T. -0.000 min
Lab File: BF140922.D
Acq: 19 Dec 2024 13:29

Instrument :
BNA_F
ClientSampleId :
CONCRETE-VNJ-222

Tgt Ion:330 Resp: 55453

Ion	Ratio	Lower	Upper
330	100		
332	95.7	76.2	114.4
141	32.4	24.9	37.3

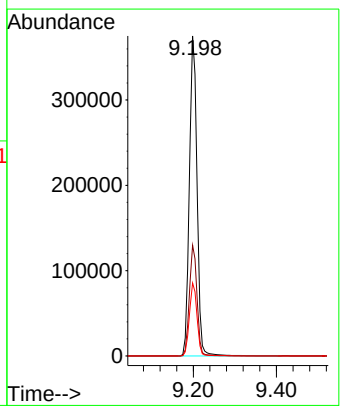


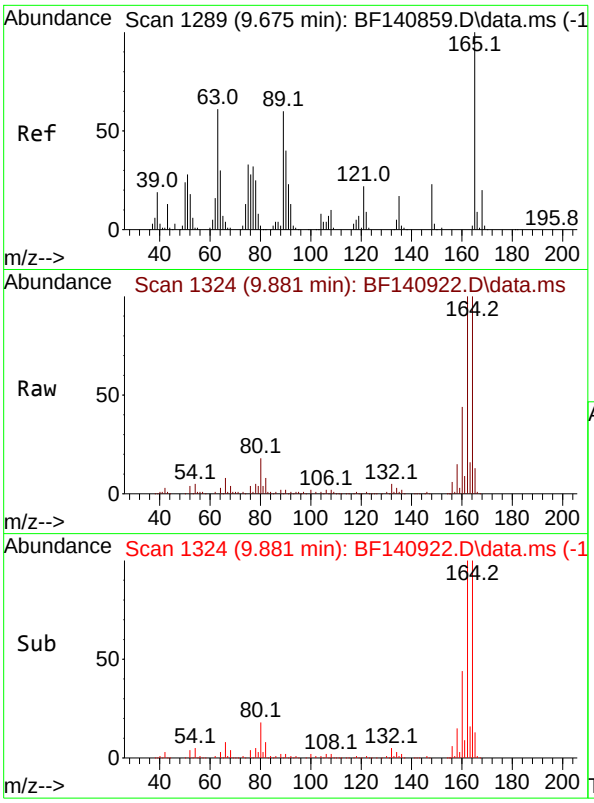


#45
2-Fluorobiphenyl
Concen: 56.313 ng
RT: 9.198 min Scan# 1208
Delta R.T. -0.006 min
Lab File: BF140922.D
Acq: 19 Dec 2024 13:29

Tgt Ion:172 Resp: 477515

Ion	Ratio	Lower	Upper
172	100		
171	34.6	28.4	42.6
170	22.8	18.6	28.0



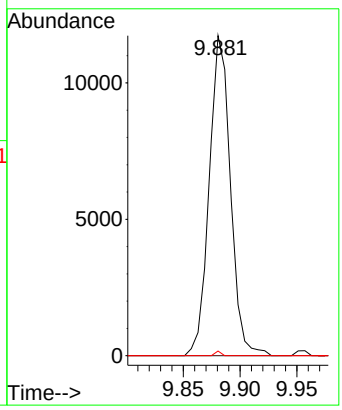


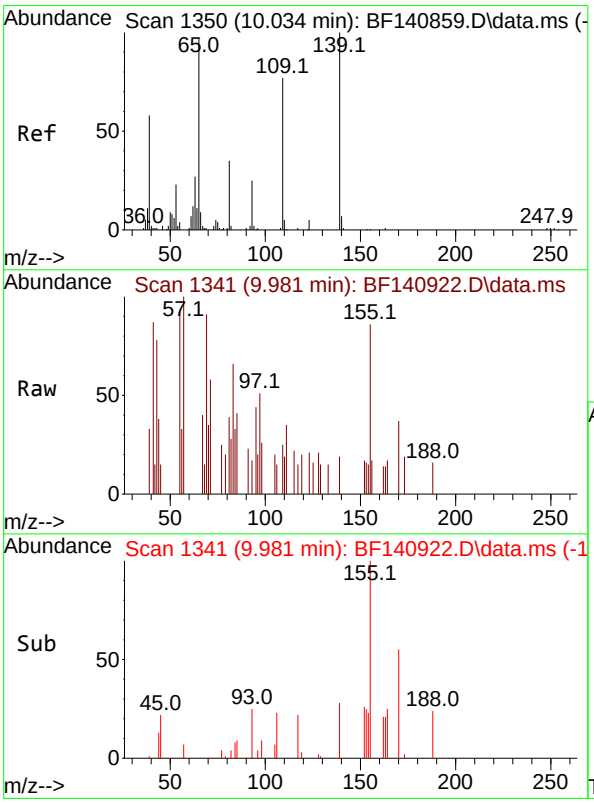
#51
2,6-Dinitrotoluene
Concen: 8.117 ng
RT: 9.881 min Scan# 1
Delta R.T. 0.206 min
Lab File: BF140922.D
Acq: 19 Dec 2024 13:29

Instrument :
BNA_F
ClientSampleId :
CONCRETE-VNJ-222

Tgt Ion:165 Resp: 15251

Ion	Ratio	Lower	Upper
165	100		
63	0.0	49.7	74.5#
89	1.5	48.2	72.4#

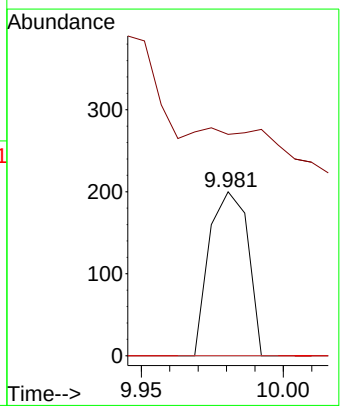


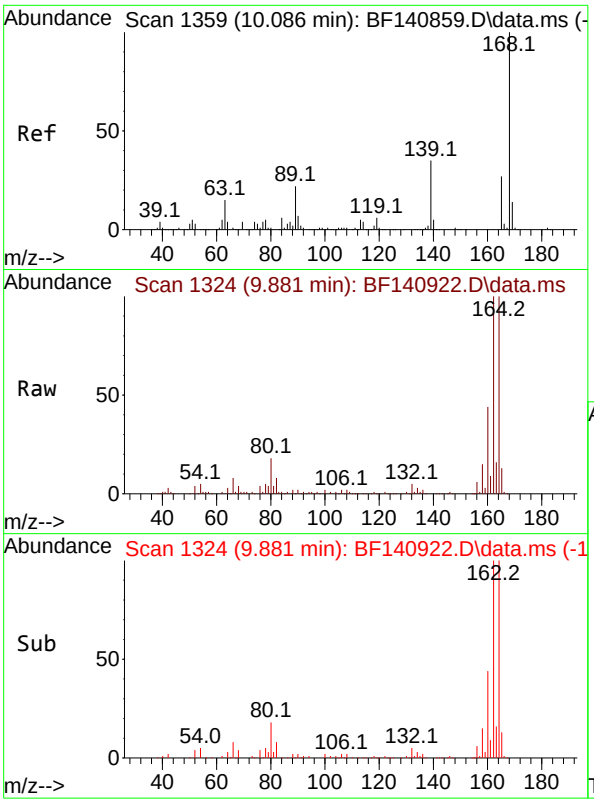


#56
4-Nitrophenol
Concen: 4.620 ng
RT: 9.981 min Scan# 1341
Delta R.T. -0.053 min
Lab File: BF140922.D
Acq: 19 Dec 2024 13:29

Tgt Ion:139 Resp: 189

Ion	Ratio	Lower	Upper
139	100		
109	135.0	56.7	96.7#
65	0.0	78.1	118.1#



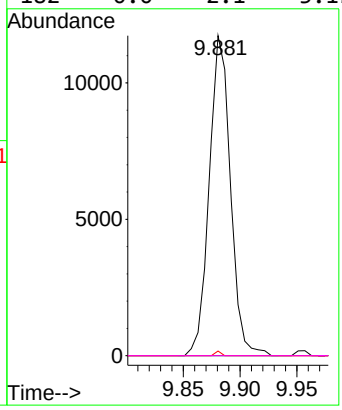


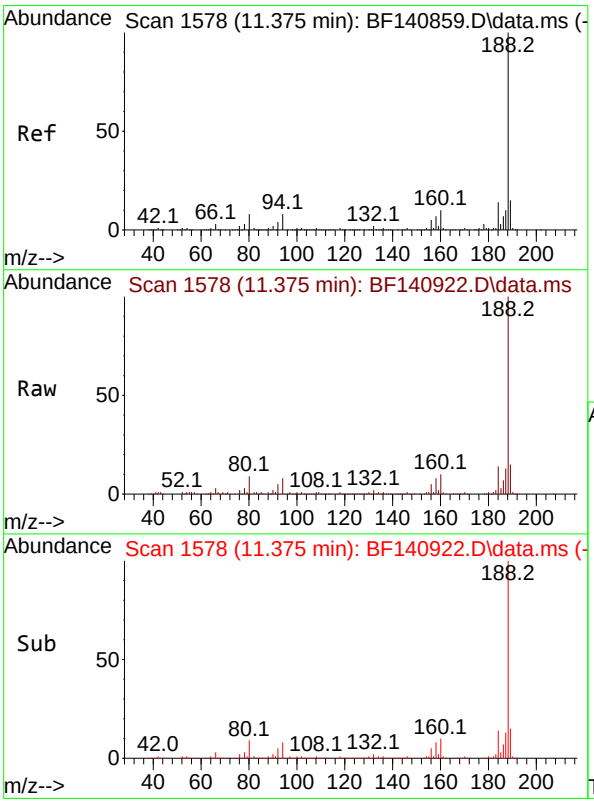
#57
2,4-Dinitrotoluene
Concen: 6.169 ng
RT: 9.881 min Scan# 1
Delta R.T. -0.206 min
Lab File: BF140922.D
Acq: 19 Dec 2024 13:29

Instrument :
BNA_F
ClientSampleId :
CONCRETE-VNJ-222

Tgt Ion:165 Resp: 15251

Ion	Ratio	Lower	Upper
165	100		
63	0.0	49.3	73.9#
89	1.5	66.2	99.4#
182	0.0	2.1	3.1#

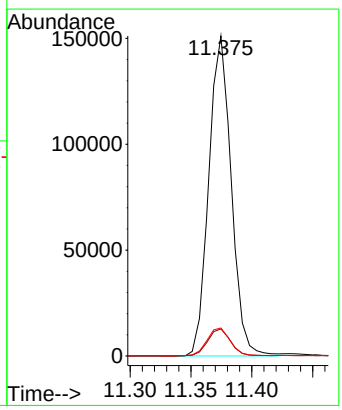


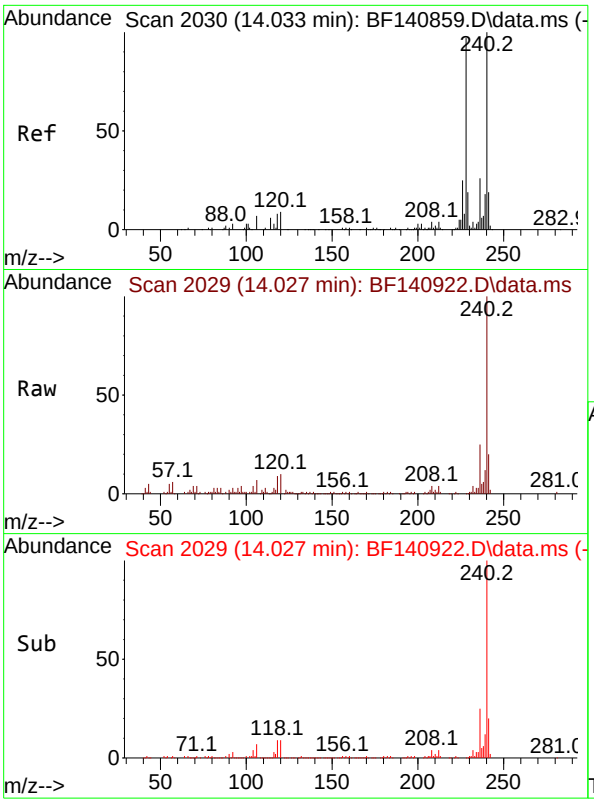


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.375 min Scan# 1578
Delta R.T. -0.000 min
Lab File: BF140922.D
Acq: 19 Dec 2024 13:29

Tgt Ion:188 Resp: 194511

Ion	Ratio	Lower	Upper
188	100		
94	8.5	6.4	9.6
80	8.7	6.8	10.2



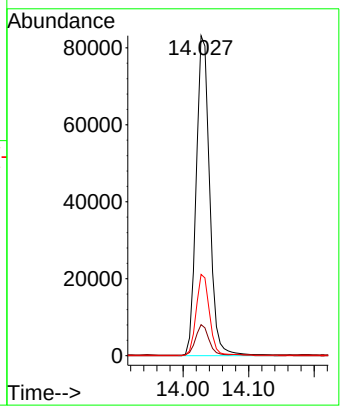


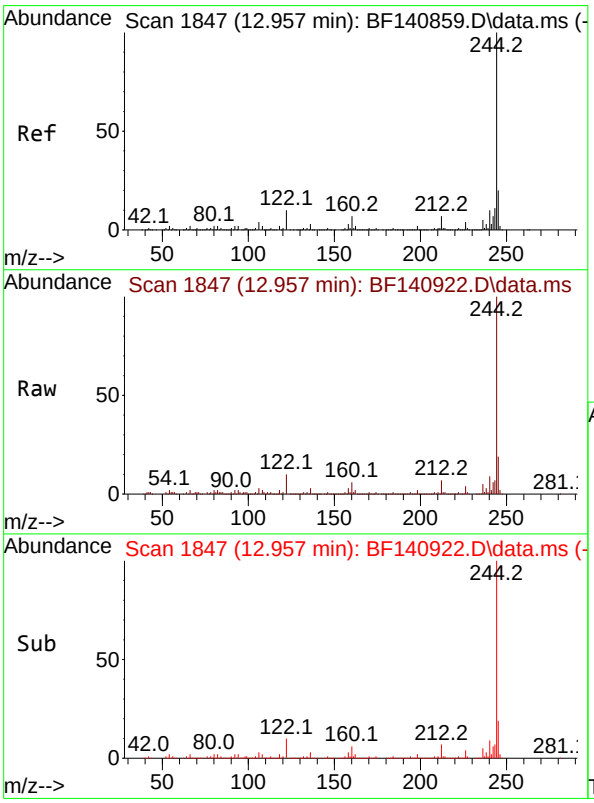
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.027 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF140922.D
Acq: 19 Dec 2024 13:29

Instrument :
BNA_F
ClientSampleId :
CONCRETE-VNJ-222

Tgt Ion:240 Resp: 118632

Ion	Ratio	Lower	Upper
240	100		
120	9.7	7.6	11.4
236	25.4	20.5	30.7

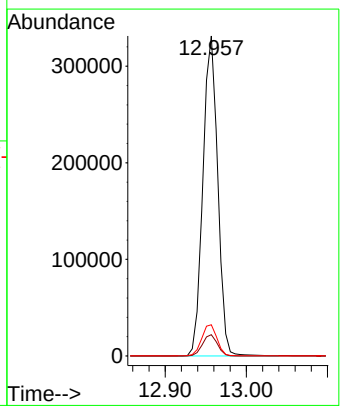


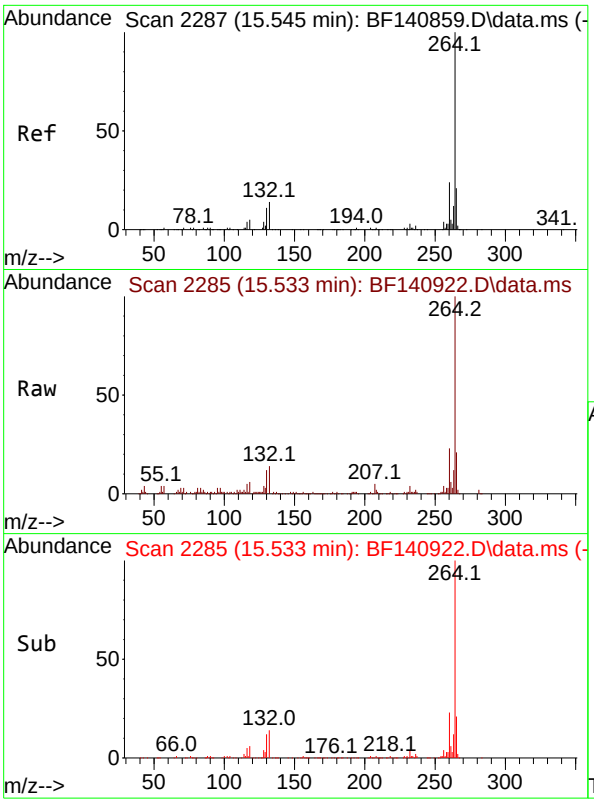


#79
Terphenyl-d14
Concen: 55.772 ng
RT: 12.957 min Scan# 1847
Delta R.T. -0.000 min
Lab File: BF140922.D
Acq: 19 Dec 2024 13:29

Tgt Ion:244 Resp: 419590

Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.6	8.4
122	9.8	8.2	12.2





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.533 min Scan# 2
Delta R.T. -0.012 min
Lab File: BF140922.D
Acq: 19 Dec 2024 13:29

Instrument :
BNA_F
ClientSampleId :
CONCRETE-VNJ-222

Tgt Ion:264 Resp: 132279

Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.1	28.7
265	21.2	17.0	25.4