Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121621\
Data File : BF126225.D
Acq On : 16 Dec 2021 22:28
Operator : JU/CG
Sample : M4919-02
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FDR-MW-3-20211202

Quant Time: Dec 17 01:49:35 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 16 12:22:48 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.816	152	190544	20.000	ng	0.00
21) Naphthalene-d8	8.098	136	791625	20.000	ng	# 0.00
39) Acenaphthene-d10	9.851	164	338210	20.000	ng	0.00
64) Phenanthrene-d10	11.333	188	452521	20.000	ng	# 0.00
76) Chrysene-d12	13.969	240	378799	20.000	ng	# 0.00
86) Perylene-d12	15.410	264	296862	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	679201	52.493	ng	0.00
7) Phenol-d6	6.428	99	503119	30.624	ng	-0.02
23) Nitrobenzene-d5	7.375	82	1280248	87.588	ng	0.00
42) 2,4,6-Tribromophenol	10.639	330	314172	115.589	ng	0.00
45) 2-Fluorobiphenyl	9.175	172	1651672	85.652	ng	0.00
79) Terphenyl-d14	12.922	244	1092950	50.150	ng	0.00
Target Compounds						Qvalue
57) 2,4-Dinitrotoluene	9.851	165	45430	7.680	ng	# 20

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

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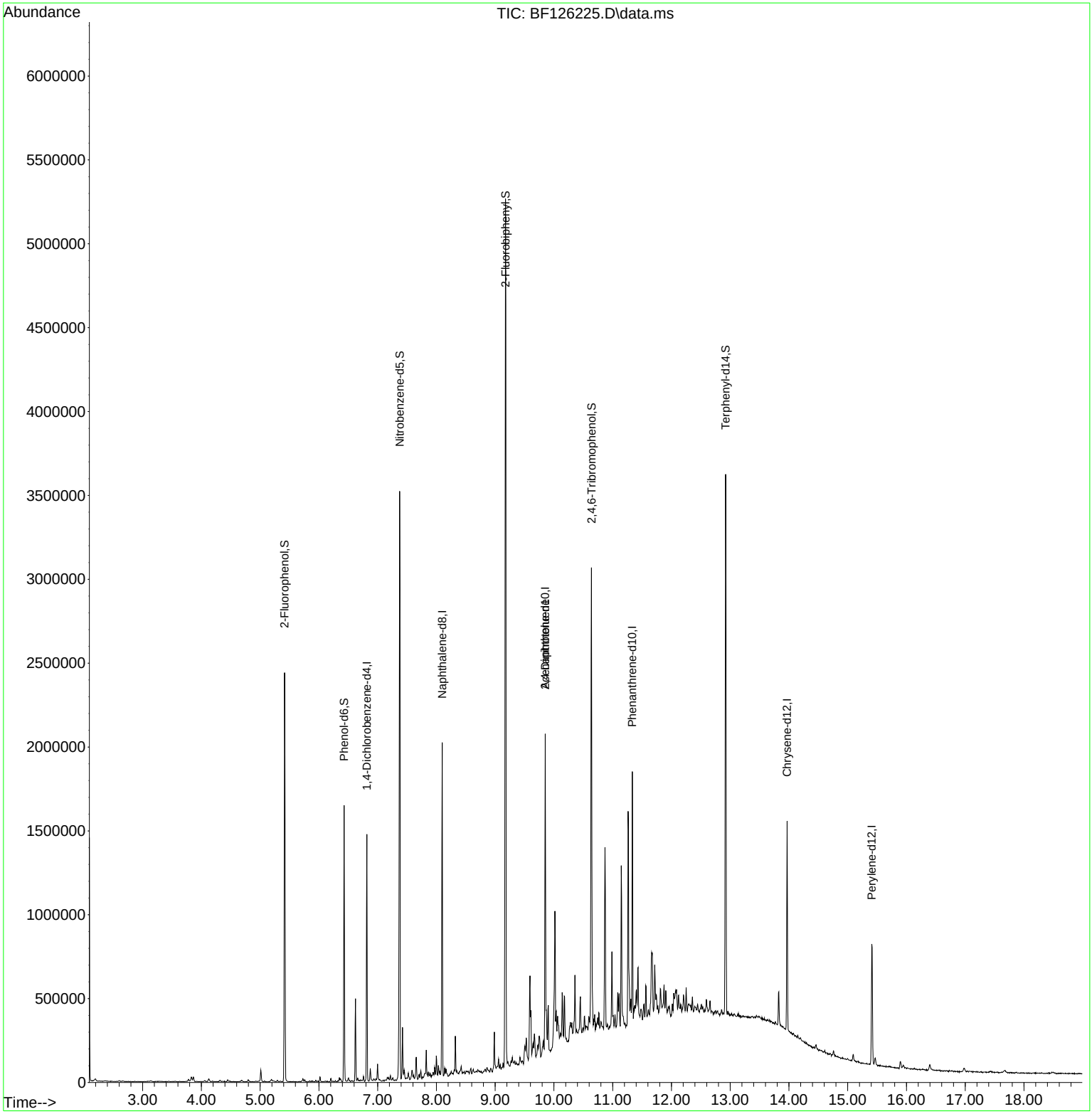
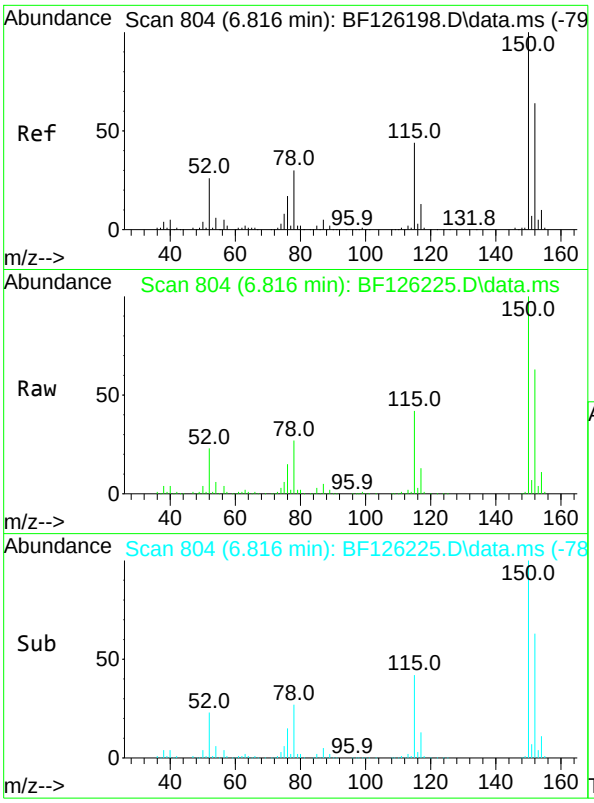


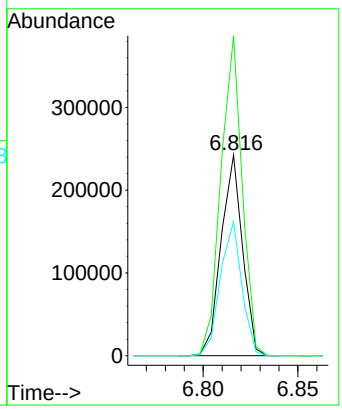


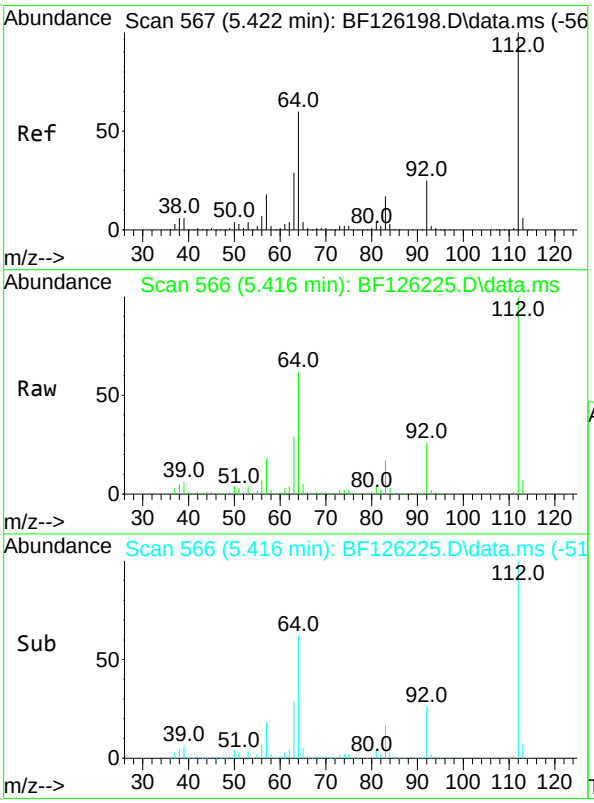
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.816 min Scan# 8(
Delta R.T. 0.000 min
Lab File: BF126225.D
Acq: 16 Dec 2021 22:28

Instrument :
BNA_F
ClientSampleId :
FDR-MW-3-20211202

Tgt Ion:152 Resp: 190544

Ion	Ratio	Lower	Upper
152	100		
150	159.5	117.6	176.4
115	66.7	47.1	70.7

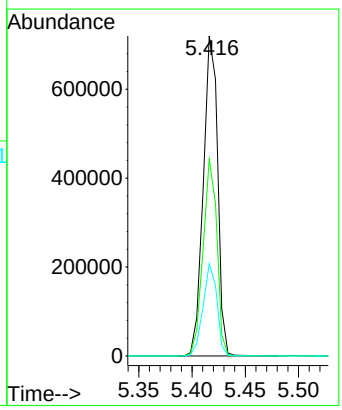


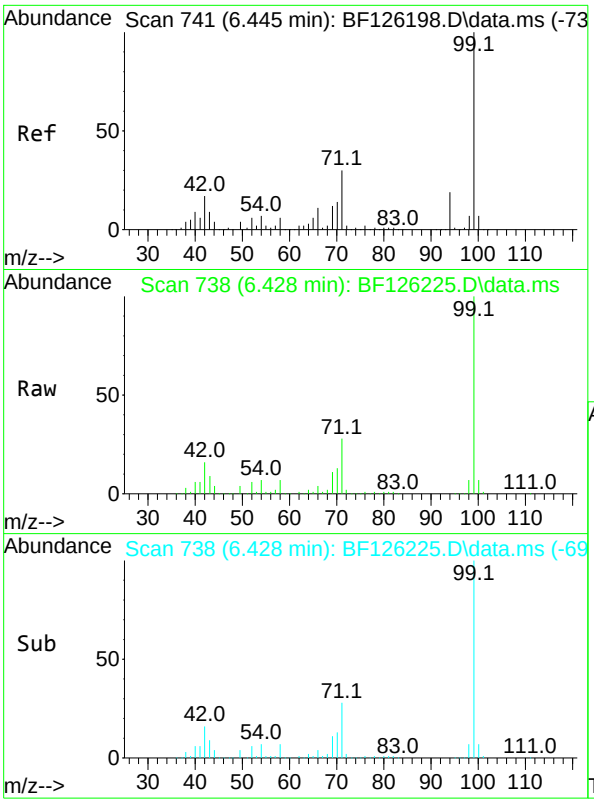


#5
2-Fluorophenol
Concen: 52.493 ng
RT: 5.416 min Scan# 566
Delta R.T. -0.006 min
Lab File: BF126225.D
Acq: 16 Dec 2021 22:28

Tgt Ion:112 Resp: 679201

Ion	Ratio	Lower	Upper
112	100		
64	61.6	44.2	66.2
63	28.9	26.2	39.2



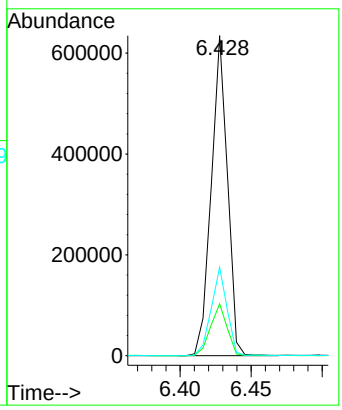


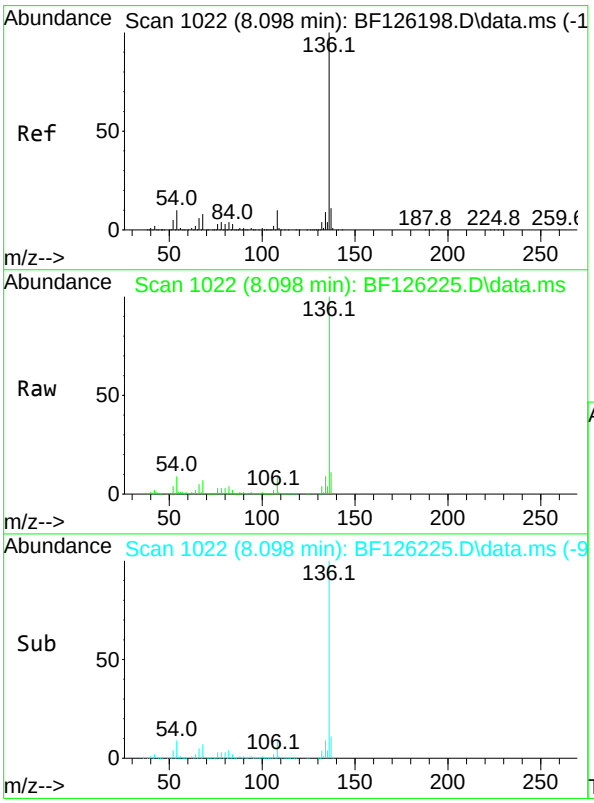
#7
Phenol-d6
Concen: 30.624 ng
RT: 6.428 min Scan# 7
Delta R.T. -0.017 min
Lab File: BF126225.D
Acq: 16 Dec 2021 22:28

Instrument :
BNA_F
ClientSampleId :
FDR-MW-3-20211202

Tgt Ion: 99 Resp: 503119

Ion	Ratio	Lower	Upper
99	100		
42	16.2	23.5	35.3#
71	27.7	25.6	38.4

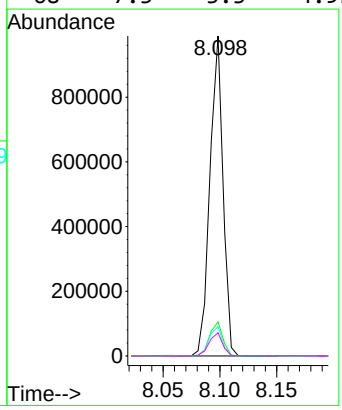


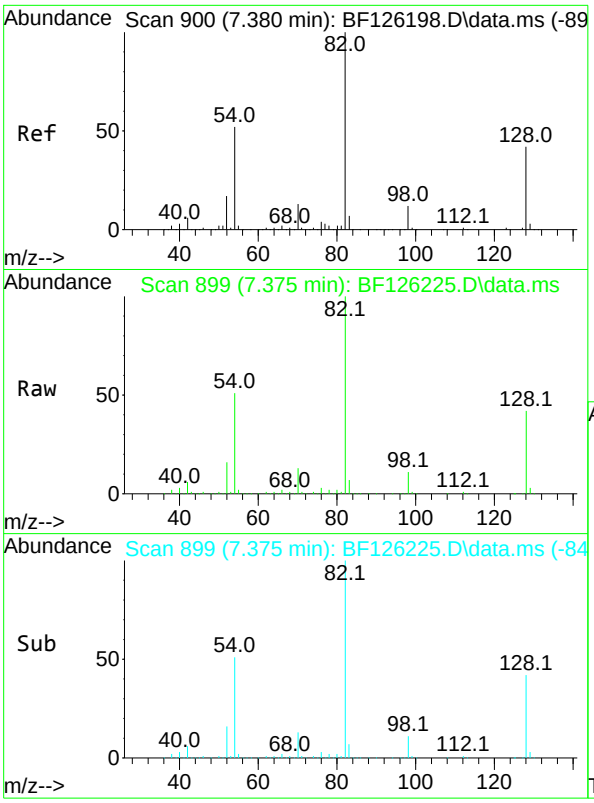


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.098 min Scan# 1022
Delta R.T. 0.000 min
Lab File: BF126225.D
Acq: 16 Dec 2021 22:28

Tgt Ion:136 Resp: 791625

Ion	Ratio	Lower	Upper
136	100		
137	10.6	9.8	14.6
54	9.2	6.4	9.6
68	7.3	3.3	4.9#



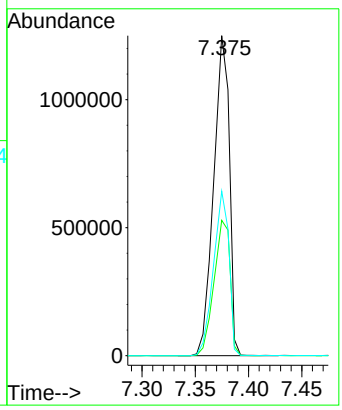


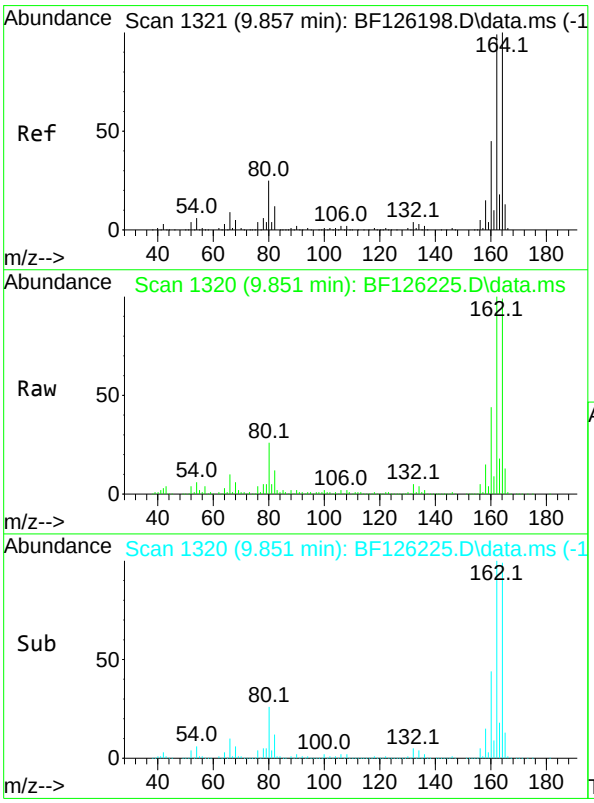
#23
Nitrobenzene-d5
Concen: 87.588 ng
RT: 7.375 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF126225.D
Acq: 16 Dec 2021 22:28

Instrument :
BNA_F
ClientSampleId :
FDR-MW-3-20211202

Tgt Ion: 82 Resp: 1280248

Ion	Ratio	Lower	Upper
82	100		
128	42.3	40.6	60.8
54	51.4	49.6	74.4

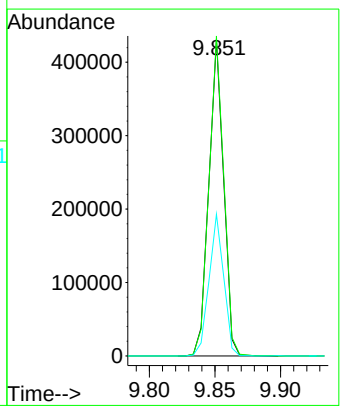


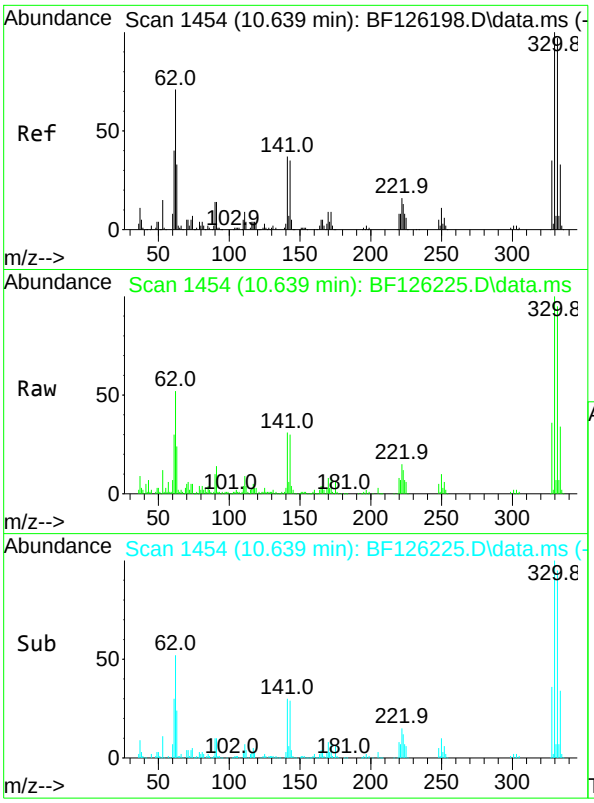


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.851 min Scan# 1320
Delta R.T. -0.006 min
Lab File: BF126225.D
Acq: 16 Dec 2021 22:28

Tgt Ion:164 Resp: 338210

Ion	Ratio	Lower	Upper
164	100		
162	101.1	81.3	121.9
160	44.8	38.0	57.0



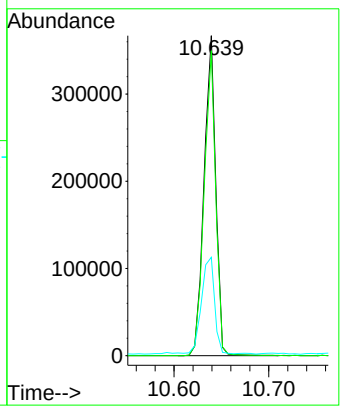


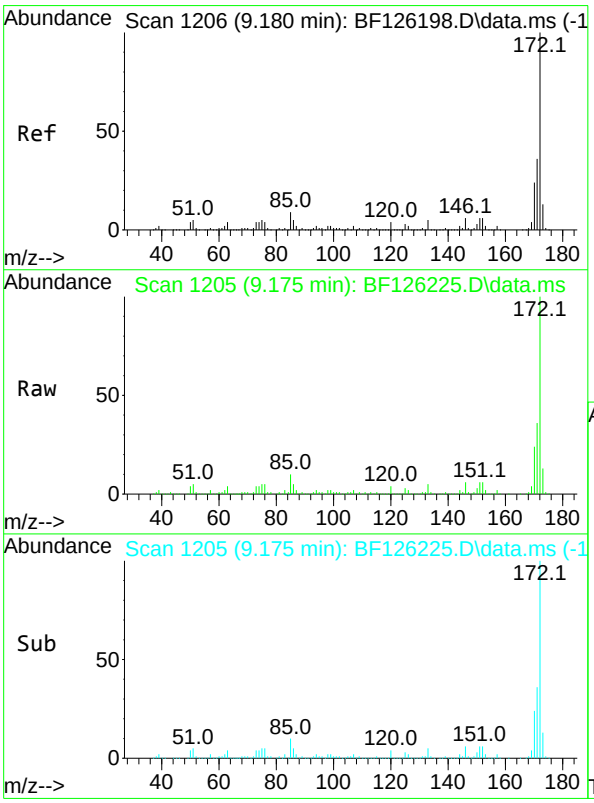
#42
2,4,6-Tribromophenol
Concen: 115.589 ng
RT: 10.639 min Scan# 14
Delta R.T. 0.000 min
Lab File: BF126225.D
Acq: 16 Dec 2021 22:28

Instrument :
BNA_F
ClientSampleId :
FDR-MW-3-20211202

Tgt Ion:330 Resp: 314172

Ion	Ratio	Lower	Upper
330	100		
332	94.1	76.2	114.4
141	33.4	44.6	66.8#

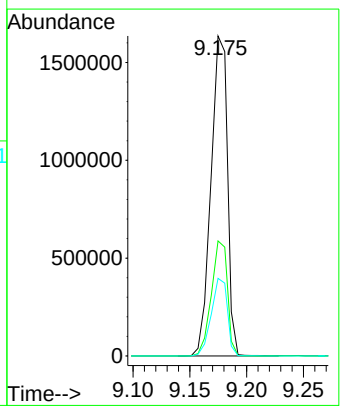


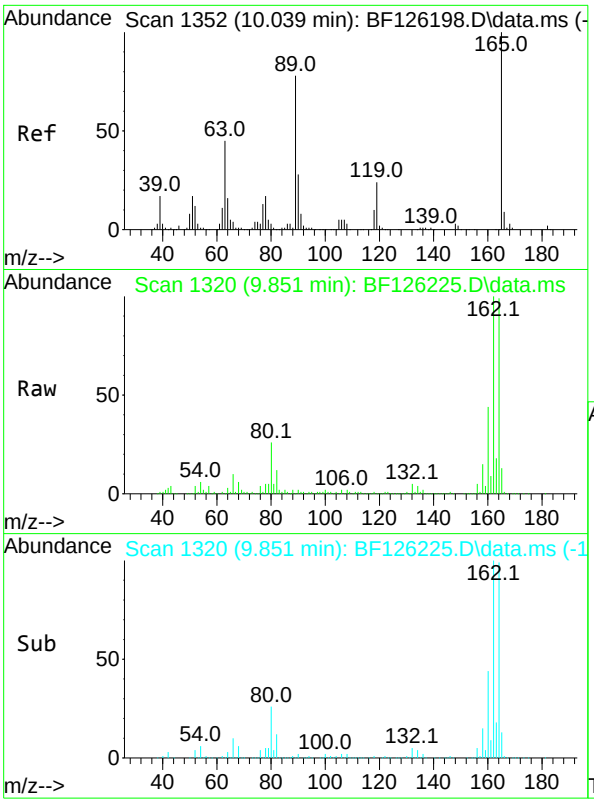


#45
2-Fluorobiphenyl
Concen: 85.652 ng
RT: 9.175 min Scan# 1205
Delta R.T. -0.006 min
Lab File: BF126225.D
Acq: 16 Dec 2021 22:28

Tgt Ion:172 Resp: 1651672

Ion	Ratio	Lower	Upper
172	100		
171	35.9	26.5	39.7
170	24.3	18.8	28.2



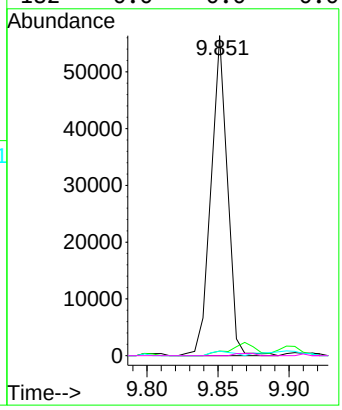


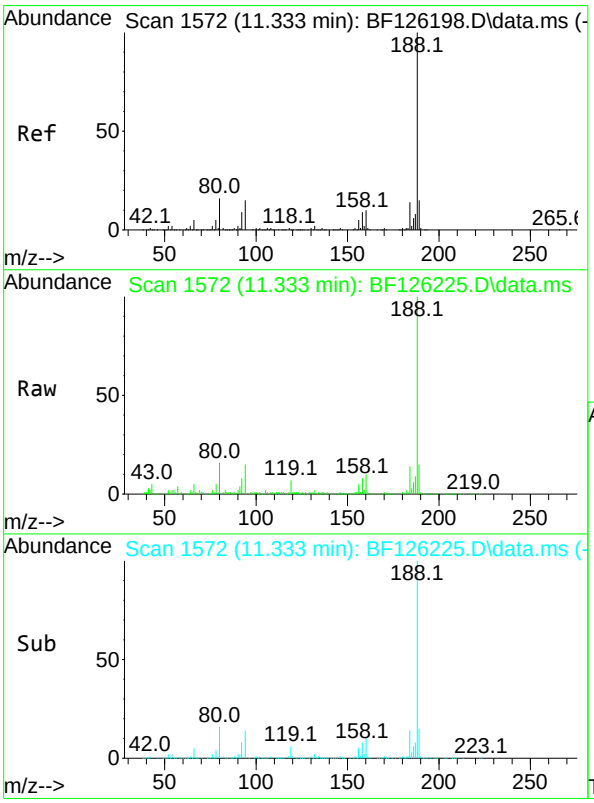
#57
2,4-Dinitrotoluene
Concen: 7.680 ng
RT: 9.851 min Scan# 1
Delta R.T. -0.188 min
Lab File: BF126225.D
Acq: 16 Dec 2021 22:28

Instrument :
BNA_F
ClientSampleId :
FDR-MW-3-20211202

Tgt Ion:165 Resp: 45430

Ion	Ratio	Lower	Upper
165	100		
63	1.5	40.9	61.3#
89	1.4	59.7	89.5#
182	0.0	0.0	0.0

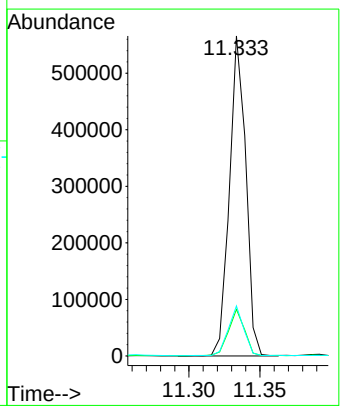


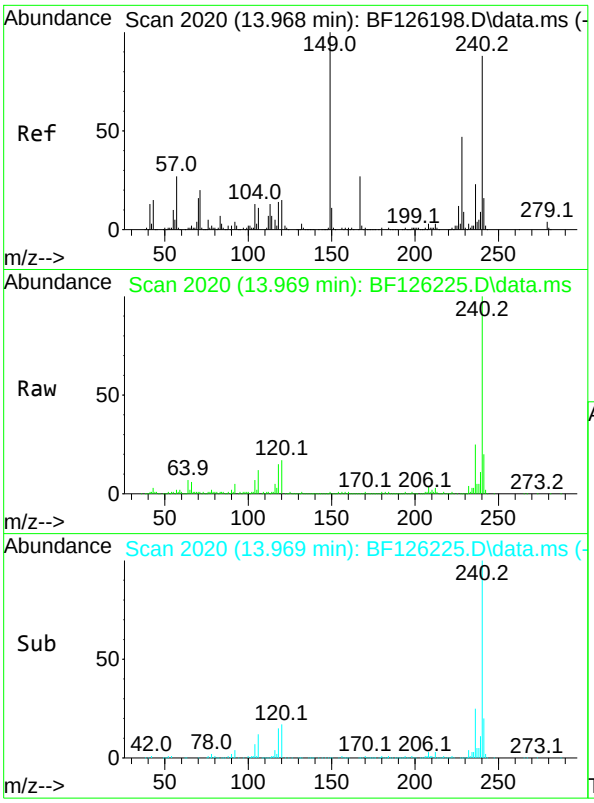


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.333 min Scan# 1572
Delta R.T. 0.000 min
Lab File: BF126225.D
Acq: 16 Dec 2021 22:28

Tgt Ion:188 Resp: 452521

Ion	Ratio	Lower	Upper
188	100		
94	14.6	6.7	10.1#
80	15.7	7.5	11.3#



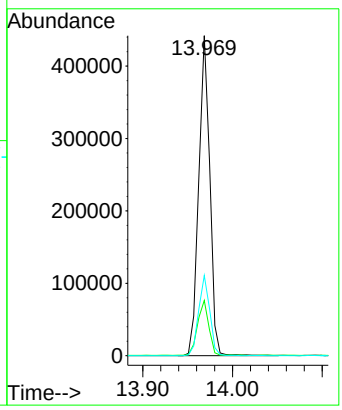


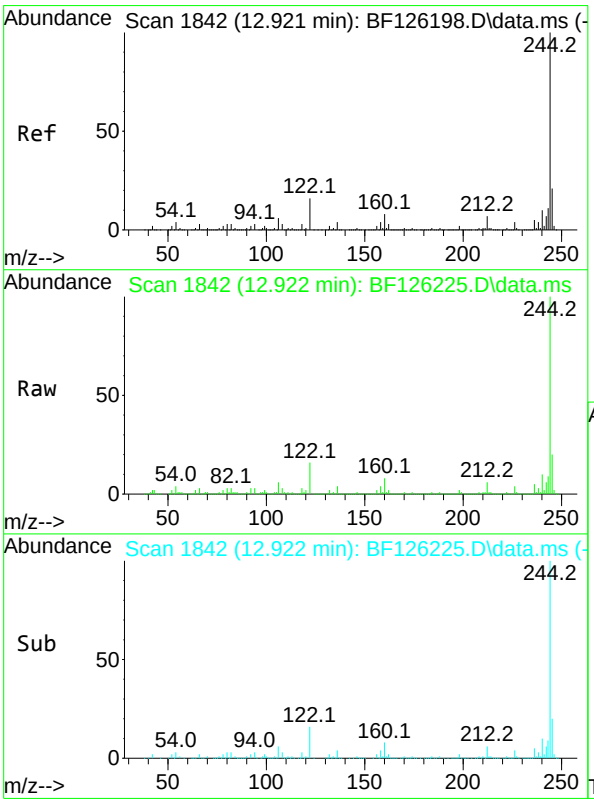
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.969 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF126225.D
Acq: 16 Dec 2021 22:28

Instrument :
BNA_F
ClientSampleId :
FDR-MW-3-20211202

Tgt Ion:240 Resp: 378799

Ion	Ratio	Lower	Upper
240	100		
120	17.2	10.8	16.2#
236	25.0	21.6	32.4

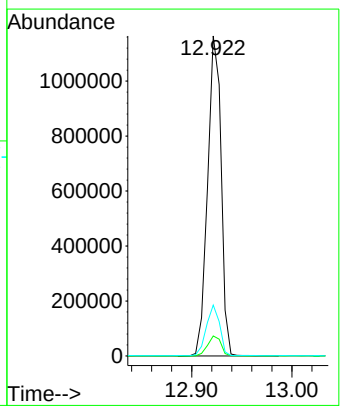


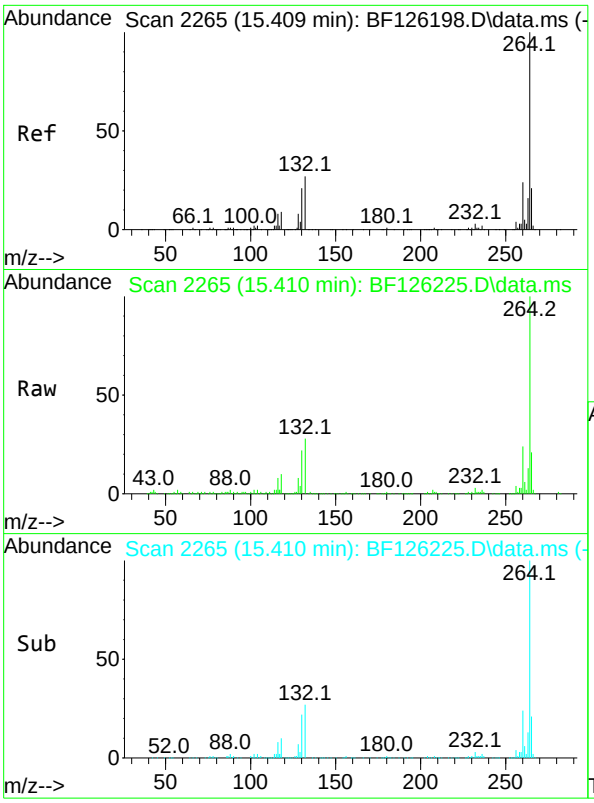


#79
Terphenyl-d14
Concen: 50.150 ng
RT: 12.922 min Scan# 1842
Delta R.T. 0.000 min
Lab File: BF126225.D
Acq: 16 Dec 2021 22:28

Tgt Ion:244 Resp: 1092950

Ion	Ratio	Lower	Upper
244	100		
212	6.2	5.9	8.9
122	15.9	9.0	13.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.410 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF126225.D
Acq: 16 Dec 2021 22:28

Instrument :
BNA_F
ClientSampleId :
FDR-MW-3-20211202

Tgt Ion:264 Resp: 296862

Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.6	29.4
265	20.9	17.2	25.8