Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122821\
Data File : BF126392.D
Acq On : 28 Dec 2021 20:52
Operator : JU/CG
Sample : M5115-05
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-5

Quant Time: Dec 29 08:24:27 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 22 13:00:11 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.810	152	145300	20.000	ng	0.00
21) Naphthalene-d8	8.092	136	591711	20.000	ng	#-0.01
39) Acenaphthene-d10	9.845	164	208670	20.000	ng	-0.01
64) Phenanthrene-d10	11.333	188	285779	20.000	ng	# 0.00
76) Chrysene-d12	13.968	240	194924	20.000	ng	-0.01
86) Perylene-d12	15.415	264	162995	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	804948	81.583	ng	0.00
7) Phenol-d6	6.434	99	617488	49.288	ng	-0.01
23) Nitrobenzene-d5	7.375	82	1088218	99.604	ng	0.00
42) 2,4,6-Tribromophenol	10.639	330	242373	144.531	ng	0.00
45) 2-Fluorobiphenyl	9.175	172	1165149	97.931	ng	0.00
79) Terphenyl-d14	12.921	244	808102	72.058	ng	0.00
Target Compounds						Qvalue
18) Hexachloroethane	7.345	117	30594	7.631	ng	# 7
19) n-Nitroso-di-n-propyla...	7.375	70	139106	18.087	ng	# 54
25) Isophorone	7.375	82	1084998	52.589	ng	# 59
67) 4-Bromophenyl-phenylether	10.639	248	12333	4.598	ng	# 1
77) Benzidine	12.921	184	11059	3.599	ng	# 91

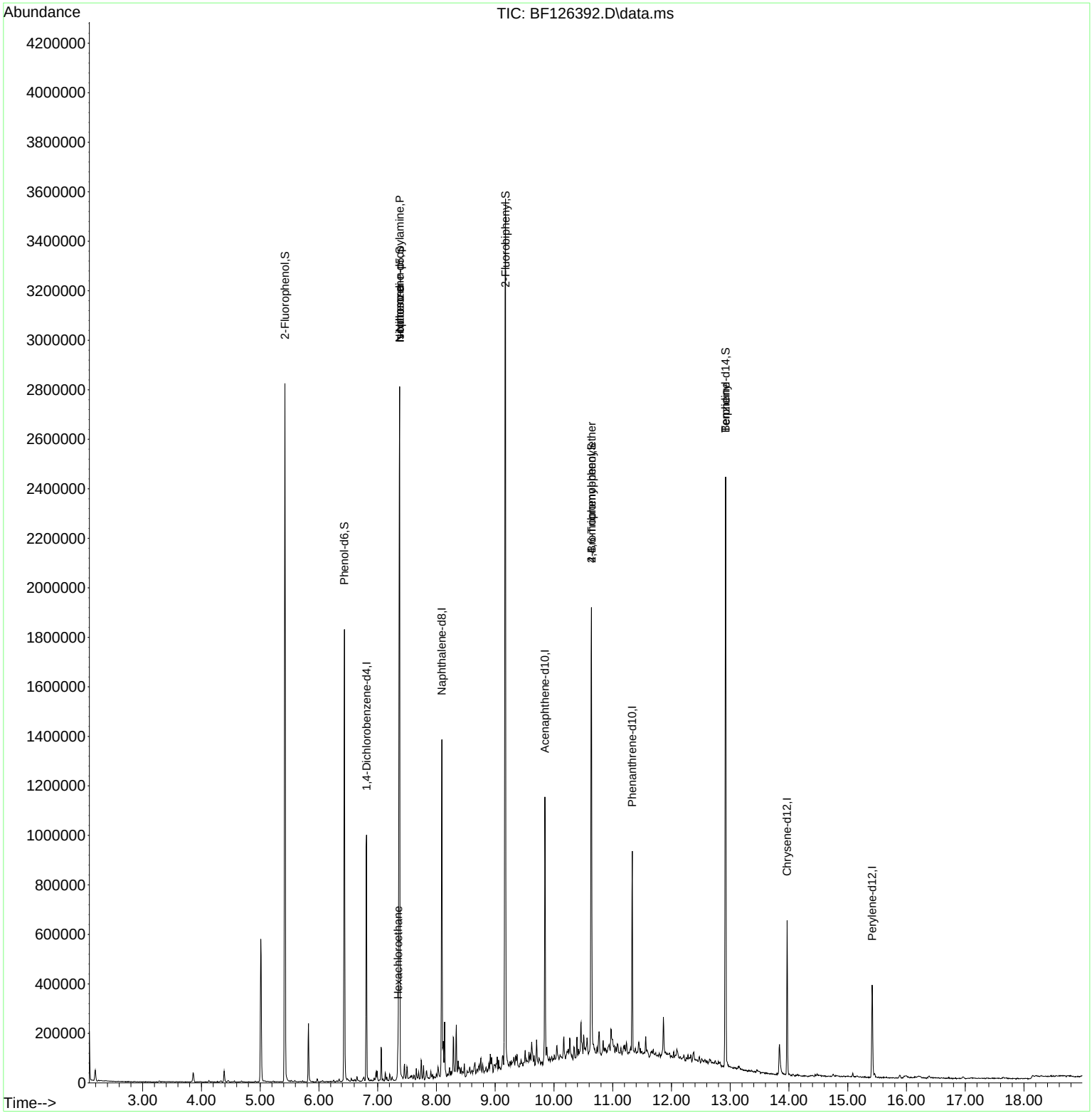
(#) = qualifier out of range (m) = manual integration (+) = signals summed

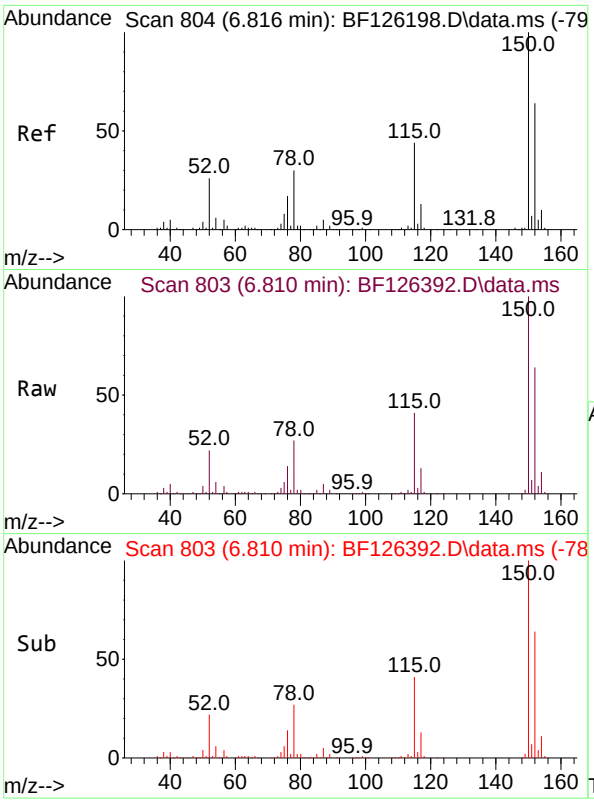
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122821\
Data File : BF126392.D
Acq On : 28 Dec 2021 20:52
Operator : JU/CG
Sample : M5115-05
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-5

Quant Time: Dec 29 08:24:27 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 22 13:00:11 2021
Response via : Initial Calibration



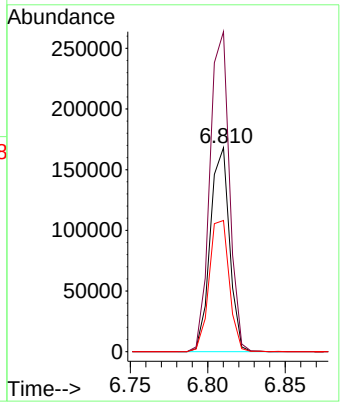


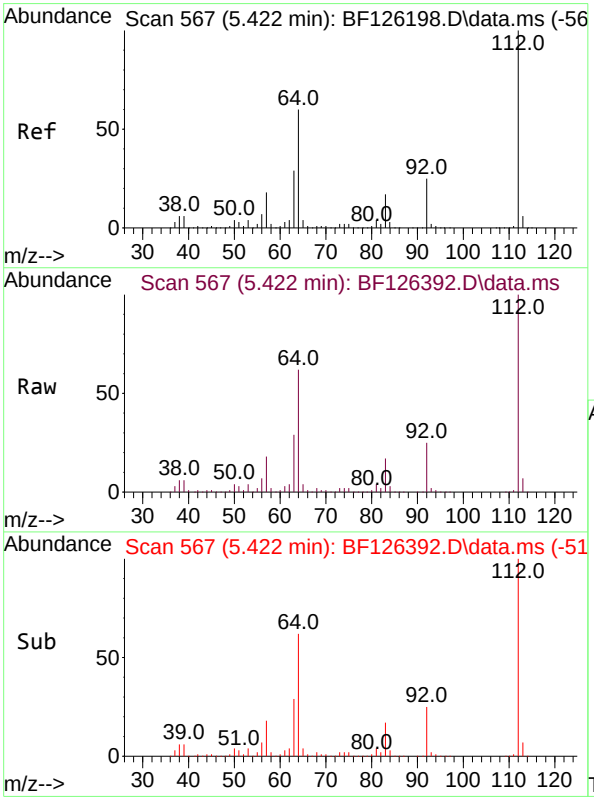
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.810 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF126392.D
Acq: 28 Dec 2021 20:52

Instrument :
BNA_F
ClientSampleId :
MW-5

Tgt Ion:152 Resp: 145300

Ion	Ratio	Lower	Upper
152	100		
150	156.9	117.6	176.4
115	64.3	47.1	70.7

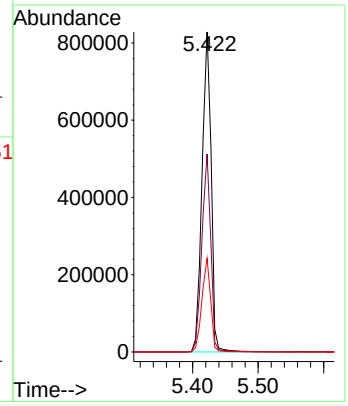


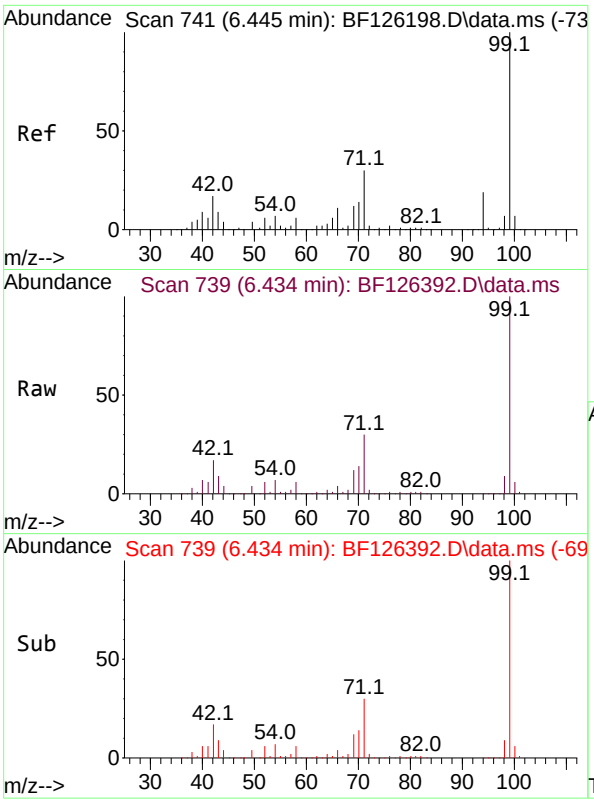


#5
2-Fluorophenol
Concen: 81.583 ng
RT: 5.422 min Scan# 567
Delta R.T. -0.006 min
Lab File: BF126392.D
Acq: 28 Dec 2021 20:52

Tgt Ion:112 Resp: 804948

Ion	Ratio	Lower	Upper
112	100		
64	61.8	44.2	66.2
63	29.2	26.2	39.2



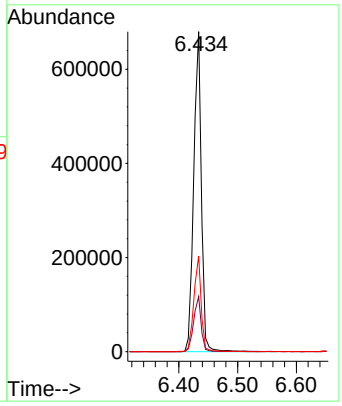


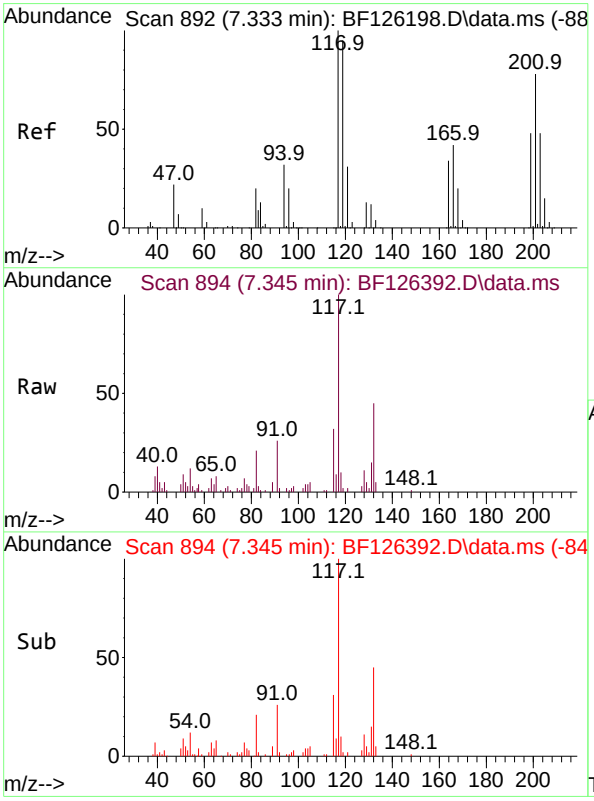
#7
Phenol-d6
Concen: 49.288 ng
RT: 6.434 min Scan# 7
Delta R.T. -0.012 min
Lab File: BF126392.D
Acq: 28 Dec 2021 20:52

Instrument :
BNA_F
ClientSampleId :
MW-5

Tgt Ion: 99 Resp: 617488

Ion	Ratio	Lower	Upper
99	100		
42	17.2	23.5	35.3#
71	29.9	25.6	38.4

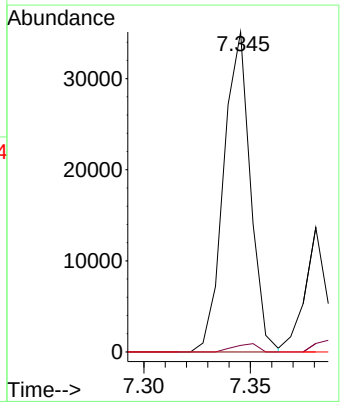


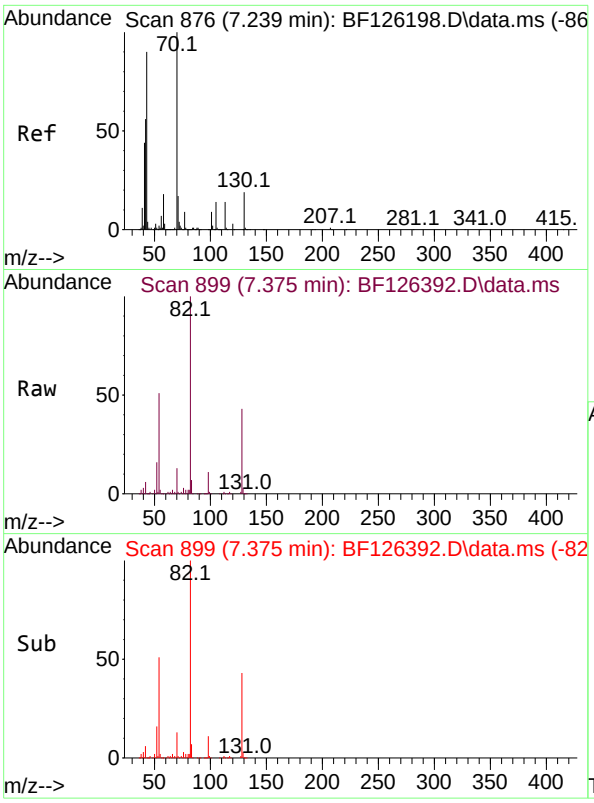


#18
Hexachloroethane
Concen: 7.631 ng
RT: 7.345 min Scan# 894
Delta R.T. 0.012 min
Lab File: BF126392.D
Acq: 28 Dec 2021 20:52

Tgt Ion:117 Resp: 30594

Ion	Ratio	Lower	Upper
117	100		
119	2.1	73.4	110.2#
201	0.0	64.9	97.3#



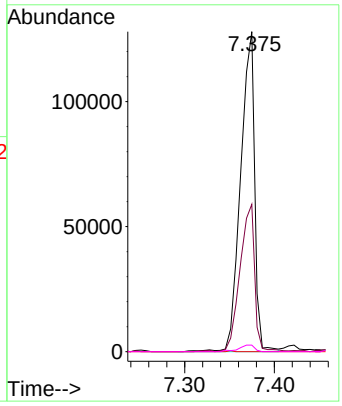


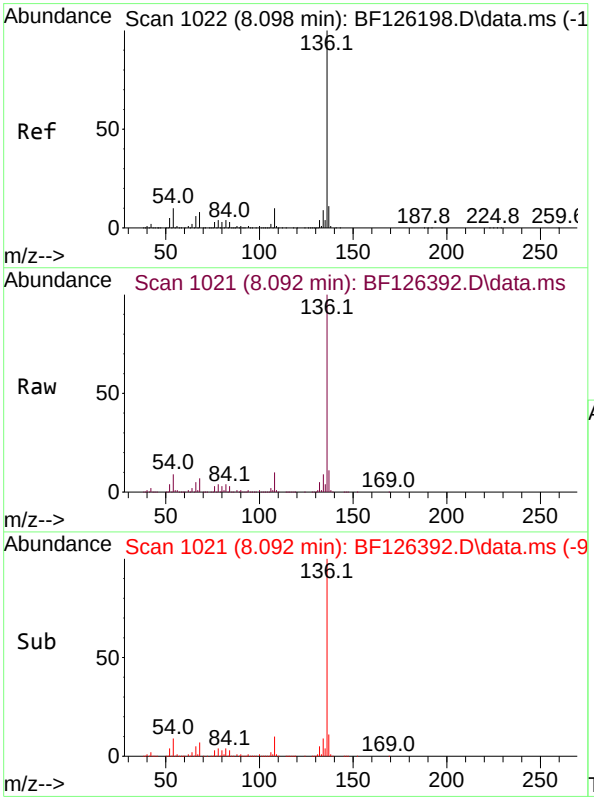
#19
n-Nitroso-di-n-propylamine
Concen: 18.087 ng
RT: 7.375 min Scan# 8
Delta R.T. 0.141 min
Lab File: BF126392.D
Acq: 28 Dec 2021 20:52

Instrument :
BNA_F
ClientSampleId :
MW-5

Tgt Ion: 70 Resp: 139106

Ion	Ratio	Lower	Upper
70	100		
42	46.0	72.2	108.2#
101	0.0	7.8	11.8#
130	2.1	21.8	32.6#

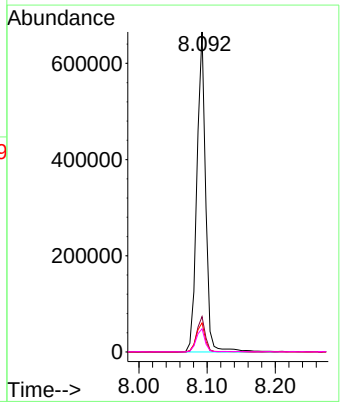


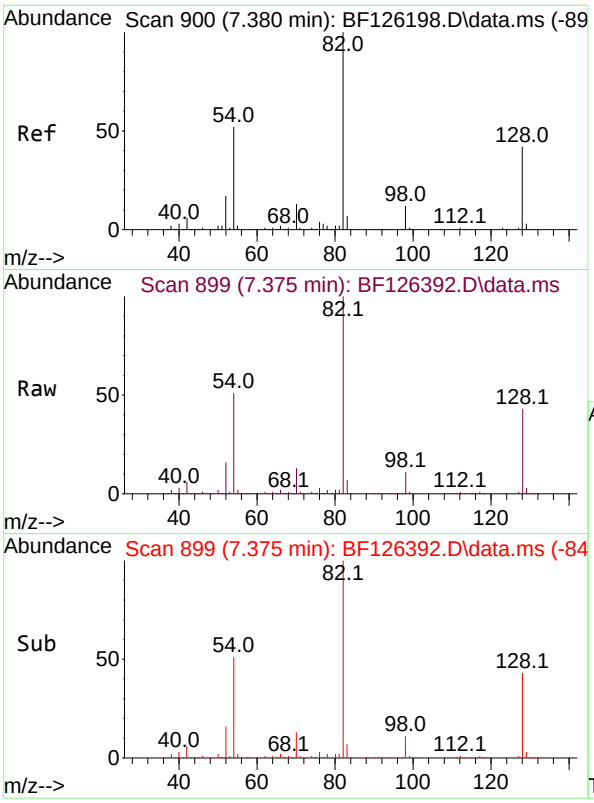


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.092 min Scan# 1021
Delta R.T. -0.012 min
Lab File: BF126392.D
Acq: 28 Dec 2021 20:52

Tgt Ion:136 Resp: 591711

Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.8	14.6
54	9.1	6.4	9.6
68	7.3	3.3	4.9#



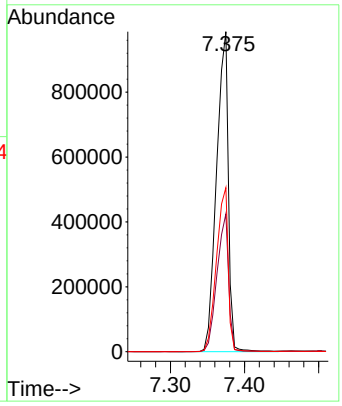


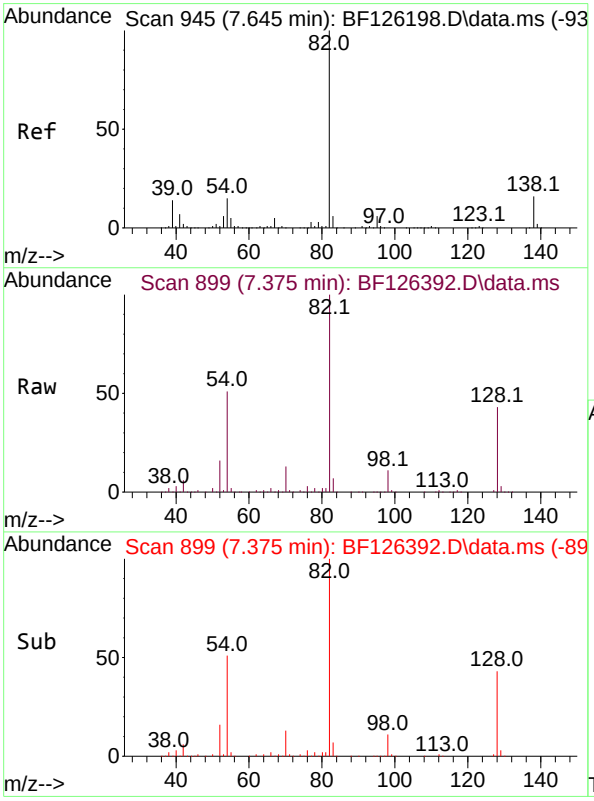
#23
Nitrobenzene-d5
Concen: 99.604 ng
RT: 7.375 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF126392.D
Acq: 28 Dec 2021 20:52

Instrument :
BNA_F
ClientSampleId :
MW-5

Tgt Ion: 82 Resp: 1088218

Ion	Ratio	Lower	Upper
82	100		
128	43.1	40.6	60.8
54	51.3	49.6	74.4

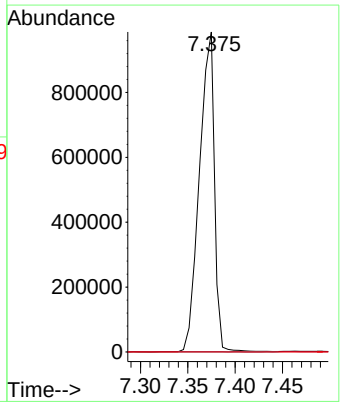


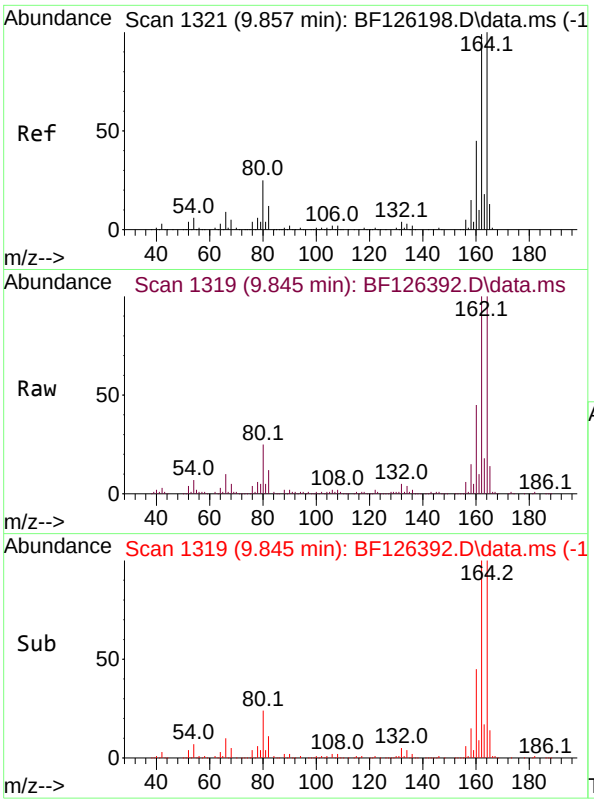


#25
Isophorone
Concen: 52.589 ng
RT: 7.375 min Scan# 899
Delta R.T. -0.265 min
Lab File: BF126392.D
Acq: 28 Dec 2021 20:52

Tgt Ion: 82 Resp: 1084998

Ion	Ratio	Lower	Upper
82	100		
95	0.1	6.5	9.7#
138	0.0	18.4	27.6#



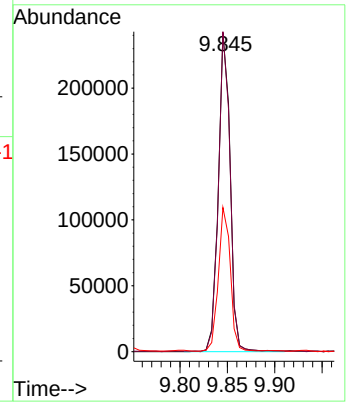


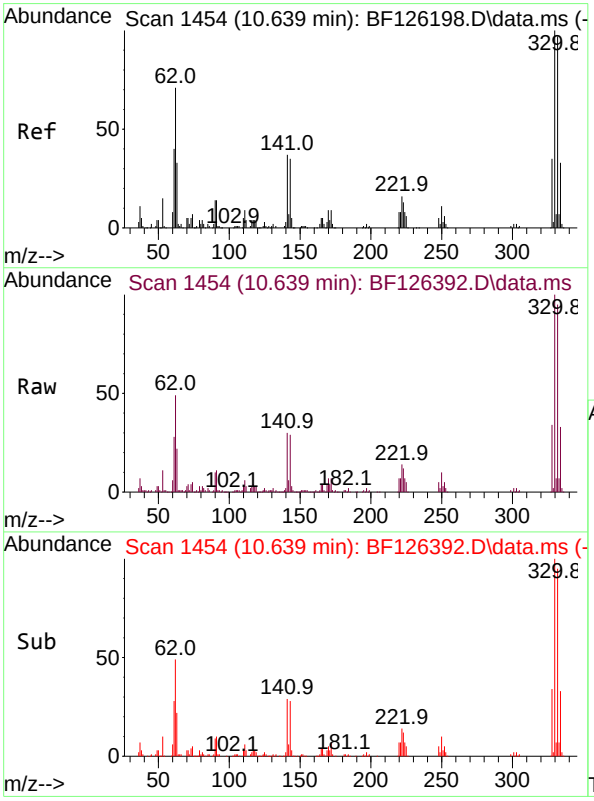
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.845 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF126392.D
Acq: 28 Dec 2021 20:52

Instrument :
BNA_F
ClientSampleId :
MW-5

Tgt Ion:164 Resp: 208670

Ion	Ratio	Lower	Upper
164	100		
162	100.4	81.3	121.9
160	45.2	38.0	57.0

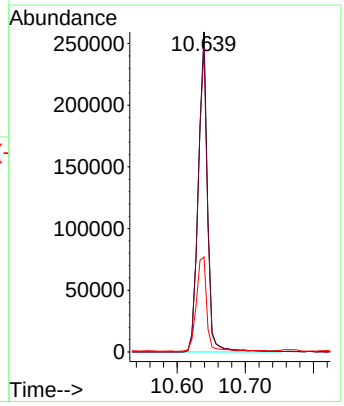


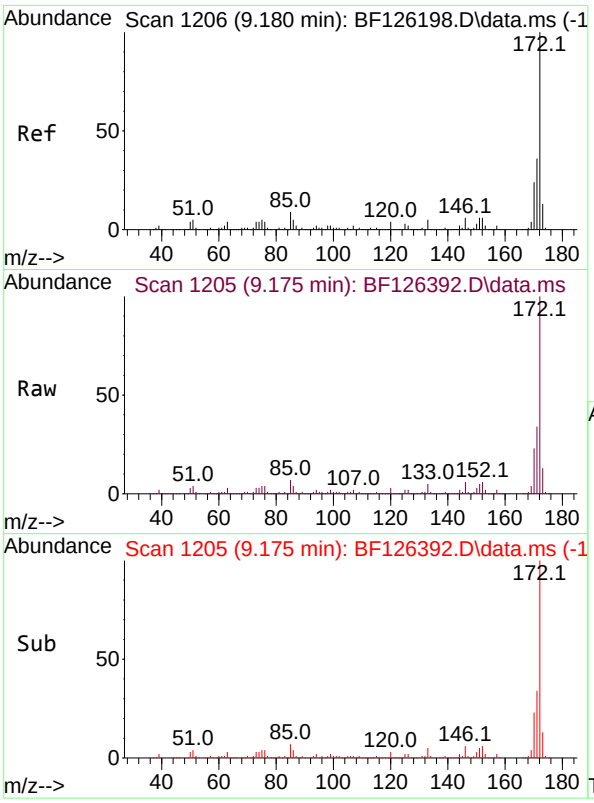


#42
2,4,6-Tribromophenol
Concen: 144.531 ng
RT: 10.639 min Scan# 1454
Delta R.T. -0.006 min
Lab File: BF126392.D
Acq: 28 Dec 2021 20:52

Tgt Ion:330 Resp: 242373

Ion	Ratio	Lower	Upper
330	100		
332	96.6	76.2	114.4
141	33.6	44.6	66.8#



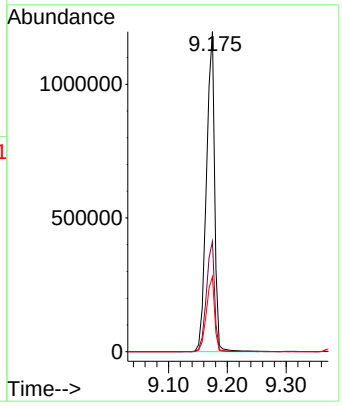


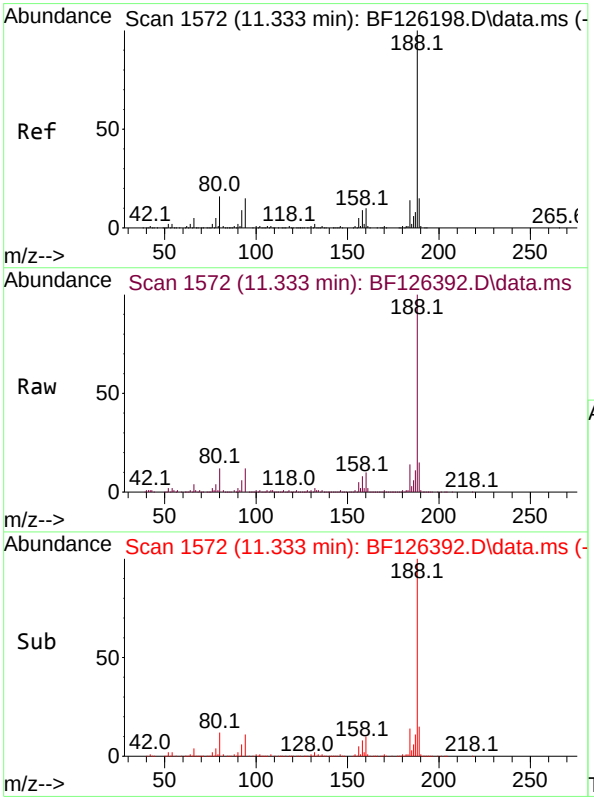
#45
2-Fluorobiphenyl
Concen: 97.931 ng
RT: 9.175 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF126392.D
Acq: 28 Dec 2021 20:52

Instrument :
BNA_F
ClientSampleId :
MW-5

Tgt Ion:172 Resp: 1165149

Ion	Ratio	Lower	Upper
172	100		
171	34.5	26.5	39.7
170	23.5	18.8	28.2

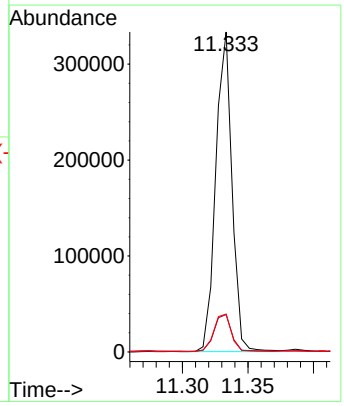


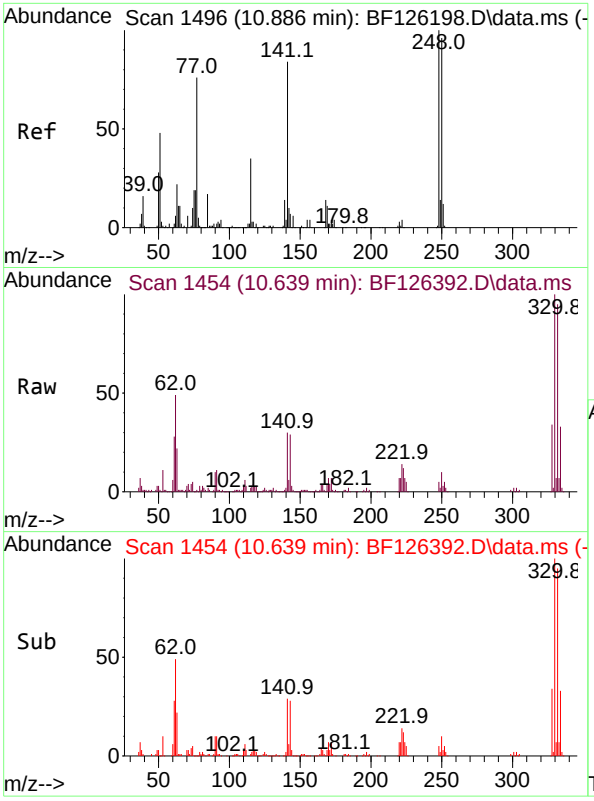


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.333 min Scan# 1572
Delta R.T. -0.006 min
Lab File: BF126392.D
Acq: 28 Dec 2021 20:52

Tgt Ion:188 Resp: 285779

Ion	Ratio	Lower	Upper
188	100		
94	11.7	6.7	10.1#
80	11.8	7.5	11.3#



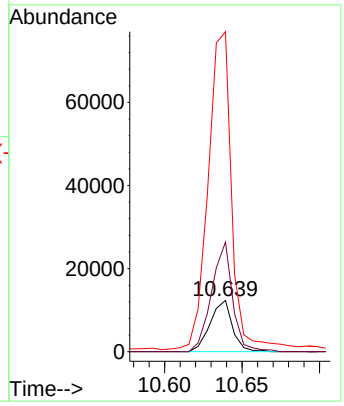


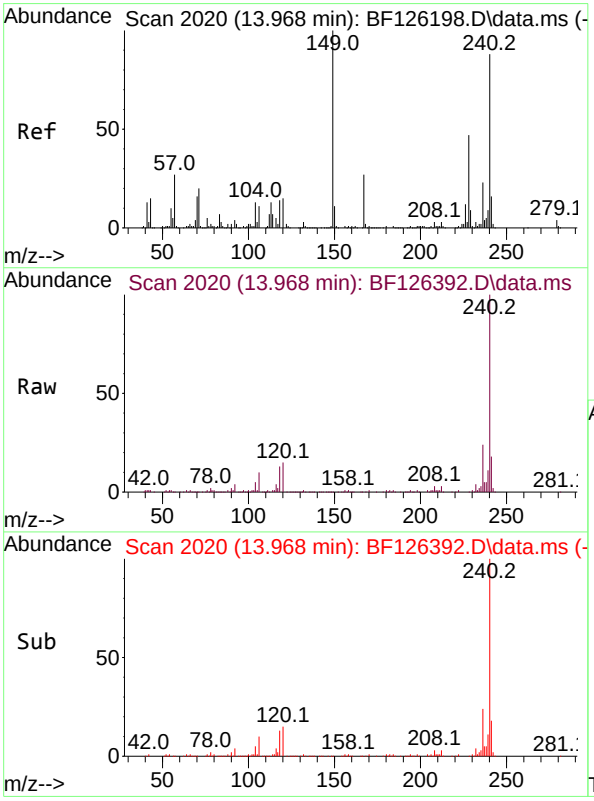
#67
4-Bromophenyl-phenylether
Concen: 4.598 ng
RT: 10.639 min Scan# 14
Delta R.T. -0.247 min
Lab File: BF126392.D
Acq: 28 Dec 2021 20:52

Instrument :
BNA_F
ClientSampleId :
MW-5

Tgt Ion:248 Resp: 12333

Ion	Ratio	Lower	Upper
248	100		
250	213.8	74.2	111.4#
141	624.4	60.4	90.6#

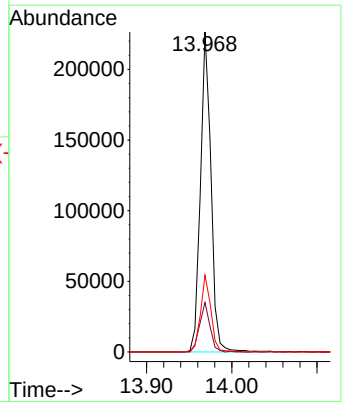


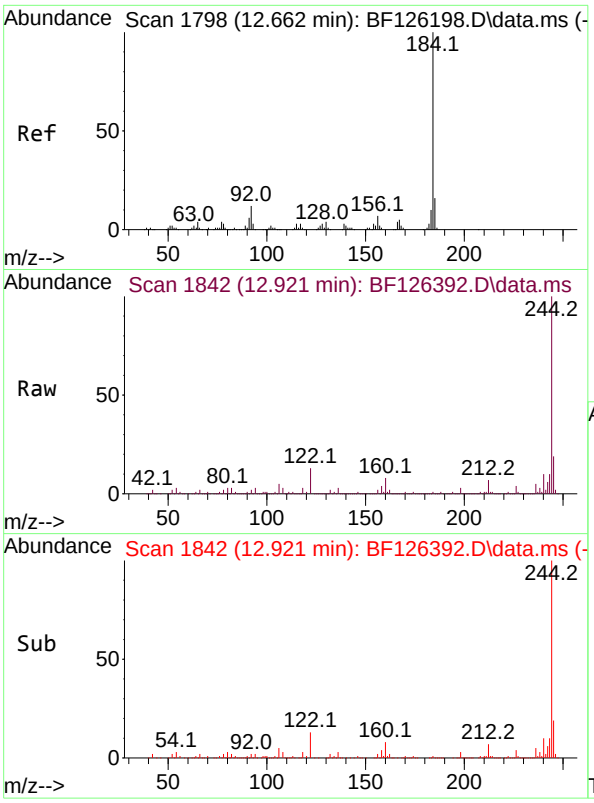


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.968 min Scan# 2020
Delta R.T. -0.012 min
Lab File: BF126392.D
Acq: 28 Dec 2021 20:52

Tgt Ion:240 Resp: 194924

Ion	Ratio	Lower	Upper
240	100		
120	15.4	10.8	16.2
236	23.9	21.6	32.4



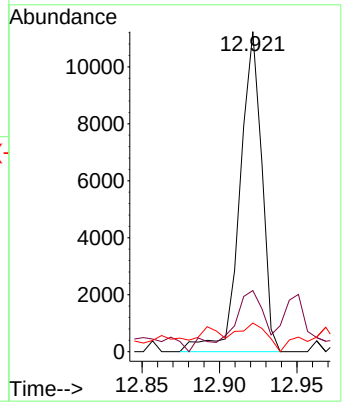


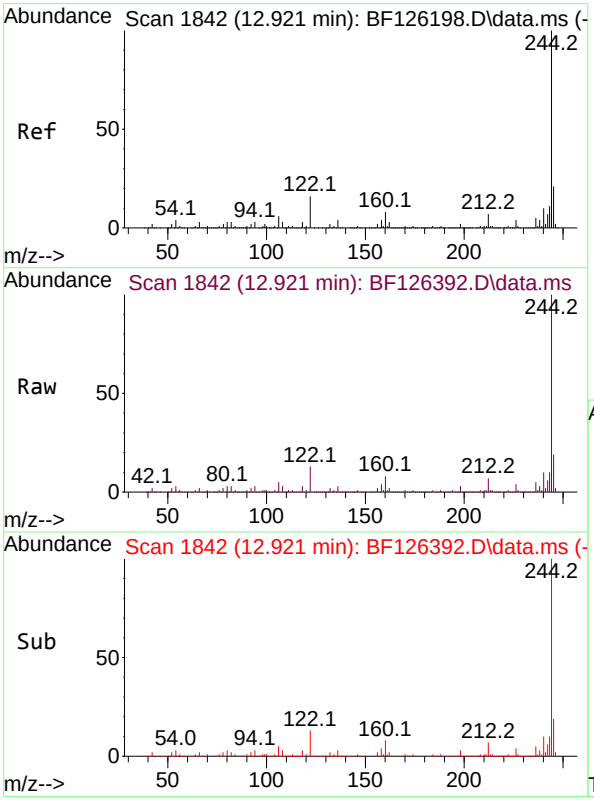
#77
Benzidine
Concen: 3.599 ng
RT: 12.921 min Scan# 1
Delta R.T. 0.247 min
Lab File: BF126392.D
Acq: 28 Dec 2021 20:52

Instrument :
BNA_F
ClientSampleId :
MW-5

Tgt Ion:184 Resp: 11059

Ion	Ratio	Lower	Upper
184	100		
185	19.1	10.8	16.2#
183	8.9	8.1	12.1

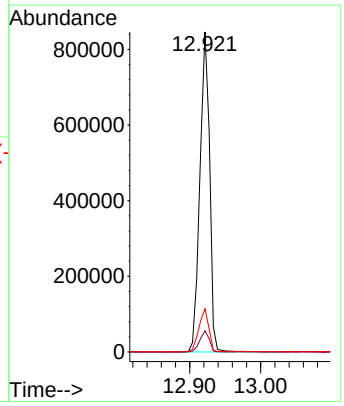


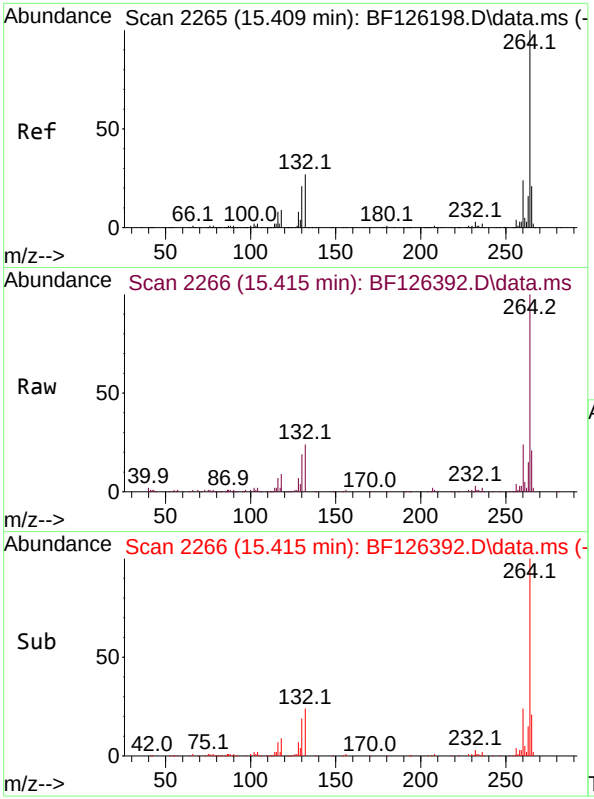


#79
Terphenyl-d14
Concen: 72.058 ng
RT: 12.921 min Scan# 1842
Delta R.T. -0.006 min
Lab File: BF126392.D
Acq: 28 Dec 2021 20:52

Tgt Ion:244 Resp: 808102

Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.9	8.9
122	13.5	9.0	13.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.415 min Scan# 2
Delta R.T. -0.012 min
Lab File: BF126392.D
Acq: 28 Dec 2021 20:52

Instrument :
BNA_F
ClientSampleId :
MW-5

Tgt Ion:264 Resp: 162995

Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.6	29.4
265	21.0	17.2	25.8