

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF123021\
 Data File : BF126432.D
 Acq On : 30 Dec 2021 22:04
 Operator : JU/CG
 Sample : M5244-40
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CONC-13E

Quant Time: Dec 31 00:38:43 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122921.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 30 04:30:49 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

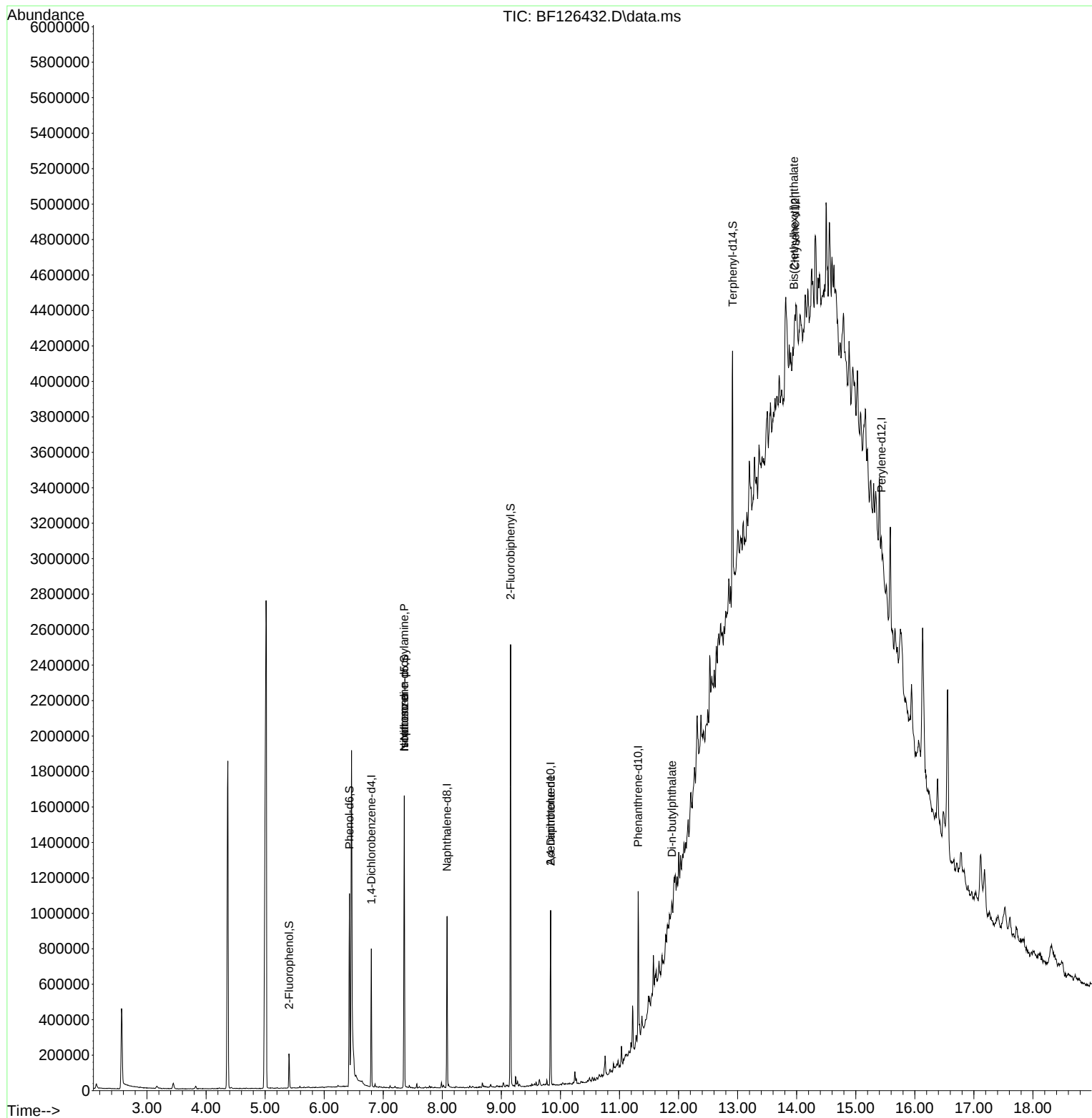
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.798	152	98596	20.000	ng	0.00
21) Naphthalene-d8	8.080	136	384450	20.000	ng	0.00
39) Acenaphthene-d10	9.833	164	174072	20.000	ng	0.00
64) Phenanthrene-d10	11.316	188	289177	20.000	ng	# 0.00
76) Chrysene-d12	13.974	240	145020	20.000	ng	0.02
86) Perylene-d12	15.433	264	111013	20.000	ng	0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.404	112	53889	7.849	ng	0.00
7) Phenol-d6	6.428	99	371284	41.752	ng	0.00
23) Nitrobenzene-d5	7.357	82	499181	66.669	ng	0.00
42) 2,4,6-Tribromophenol	10.616	330	883	0.656	ng	0.00
45) 2-Fluorobiphenyl	9.157	172	690321	69.786	ng	0.00
79) Terphenyl-d14	12.915	244	613847	82.241	ng	0.01
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.357	70	64711	12.752	ng	# 78
25) Isophorone	7.357	82	496108	37.013	ng	# 69
57) 2,4-Dinitrotoluene	9.833	165	21646	7.149	ng	# 15
74) Di-n-butylphthalate	11.886	149	33384	2.024	ng	# 95
77) Benzidine	12.668	184	752	Below Cal		# 1
84) Bis(2-ethylhexyl)phtha...	13.957	149	79469	14.120	ng	# 95

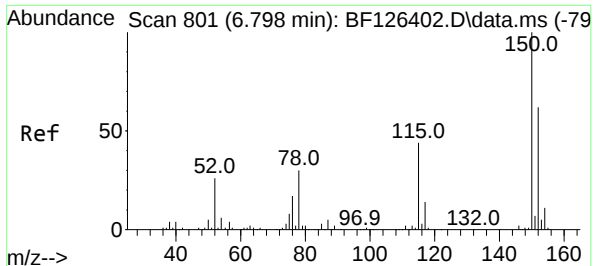
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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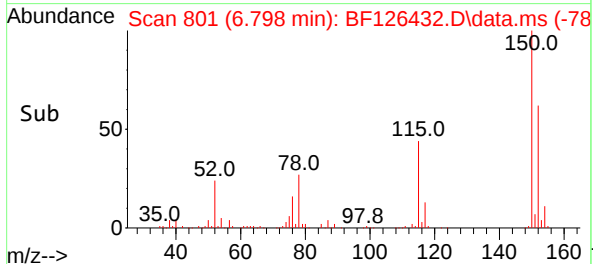
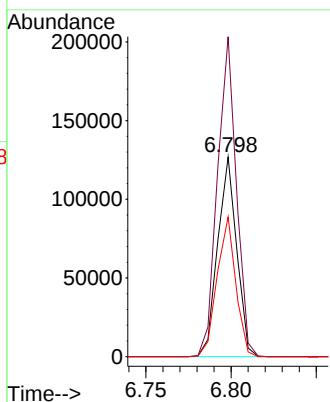
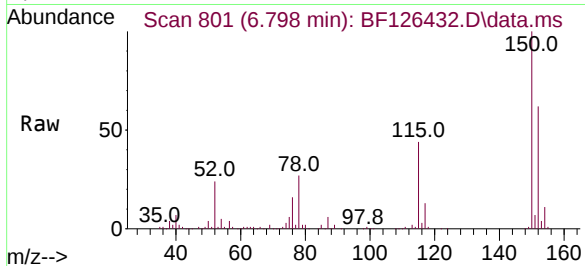




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.798 min Scan# 801
Delta R.T. 0.000 min
Lab File: BF126432.D
Acq: 30 Dec 2021 22:04

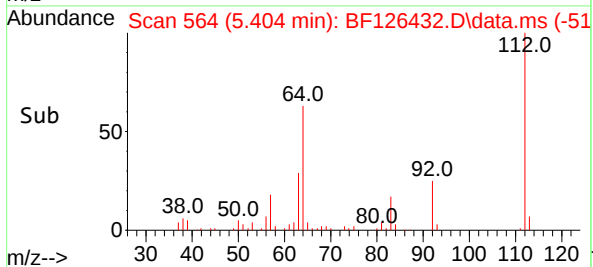
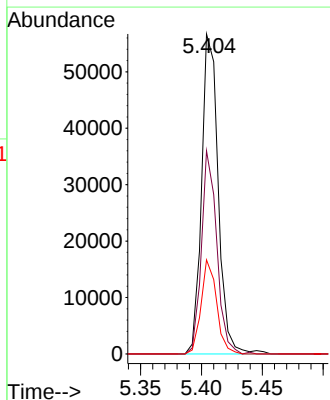
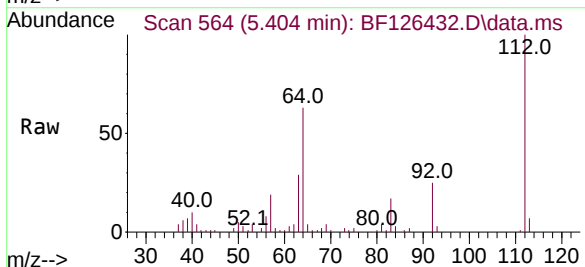
Instrument :
BNA_F
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CONC-13E

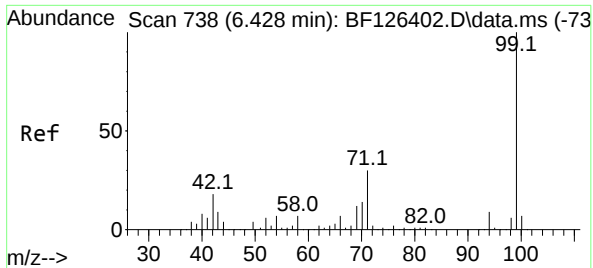
Tgt Ion:152 Resp: 98596
Ion Ratio Lower Upper
152 100
150 160.2 128.1 192.1
115 70.1 56.7 85.1



#5
2-Fluorophenol
Concen: 7.849 ng
RT: 5.404 min Scan# 564
Delta R.T. -0.000 min
Lab File: BF126432.D
Acq: 30 Dec 2021 22:04

Tgt Ion:112 Resp: 53889
Ion Ratio Lower Upper
112 100
64 63.5 49.5 74.3
63 29.4 23.9 35.9

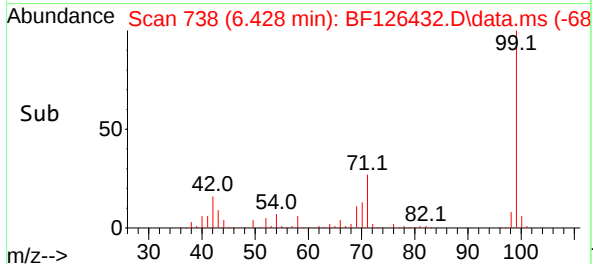
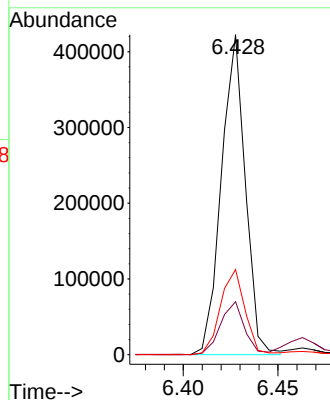
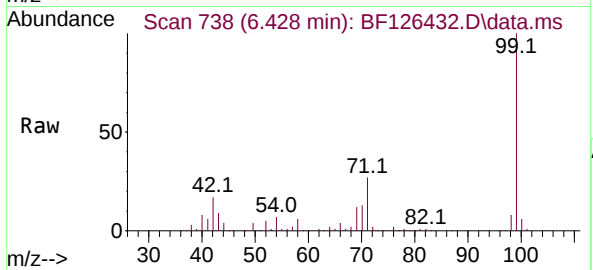




#7
Phenol-d6
Concen: 41.752 ng
RT: 6.428 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF126432.D
Acq: 30 Dec 2021 22:04

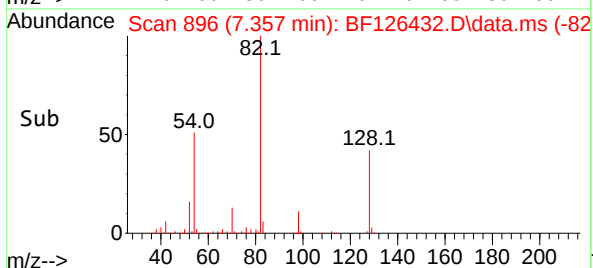
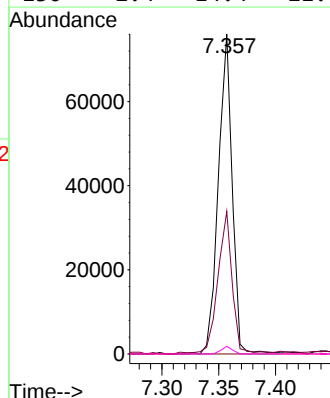
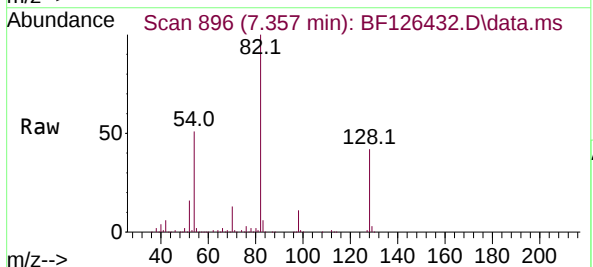
Instrument :
BNA_F
ClientSampleId :
CONC-13E

Tgt Ion: 99 Resp: 371284
Ion Ratio Lower Upper
99 100
42 16.5 14.2 21.4
71 26.6 24.3 36.5



#19
n-Nitroso-di-n-propylamine
Concen: 12.752 ng
RT: 7.357 min Scan# 896
Delta R.T. 0.141 min
Lab File: BF126432.D
Acq: 30 Dec 2021 22:04

Tgt Ion: 70 Resp: 64711
Ion Ratio Lower Upper
70 100
42 44.6 45.8 68.8#
101 0.0 6.9 10.3#
130 2.4 14.4 21.6#

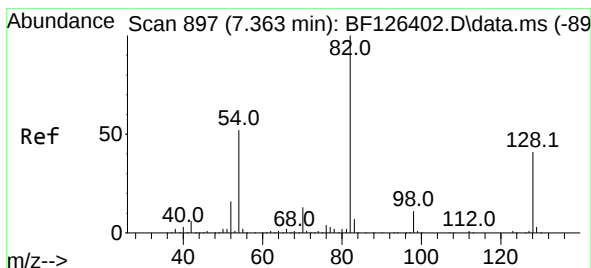
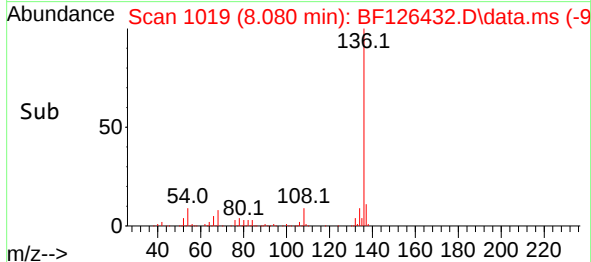
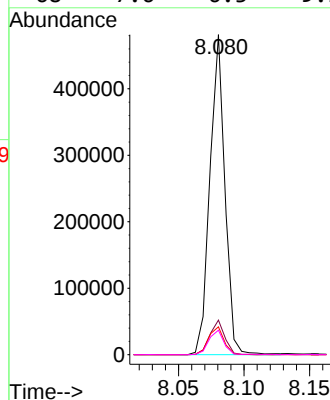
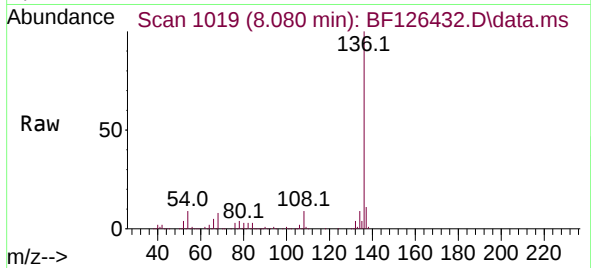




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.080 min Scan# 1019
Delta R.T. -0.000 min
Lab File: BF126432.D
Acq: 30 Dec 2021 22:04

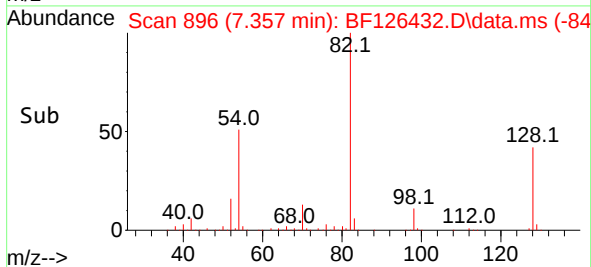
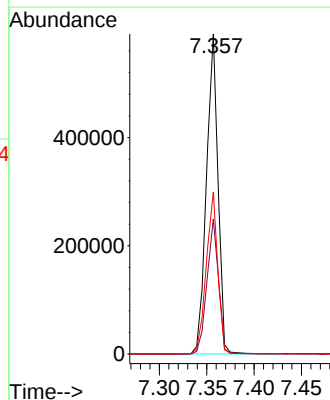
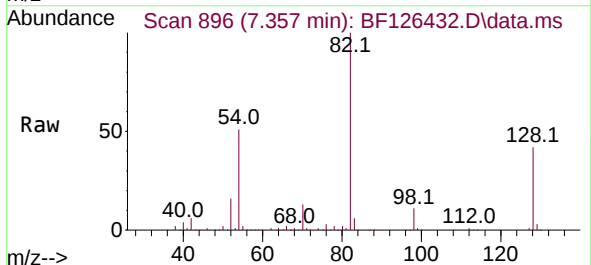
Instrument :
BNA_F
ClientSampleId :
CONC-13E

Tgt Ion:136	Resp:	384450
Ion Ratio	Lower	Upper
136	100	
137	10.8	8.6 13.0
54	8.7	7.8 11.6
68	7.6	6.3 9.5



#23
Nitrobenzene-d5
Concen: 66.669 ng
RT: 7.357 min Scan# 896
Delta R.T. -0.006 min
Lab File: BF126432.D
Acq: 30 Dec 2021 22:04

Tgt Ion: 82	Resp:	499181
Ion Ratio	Lower	Upper
82	100	
128	42.2	32.7 49.1
54	50.7	41.7 62.5

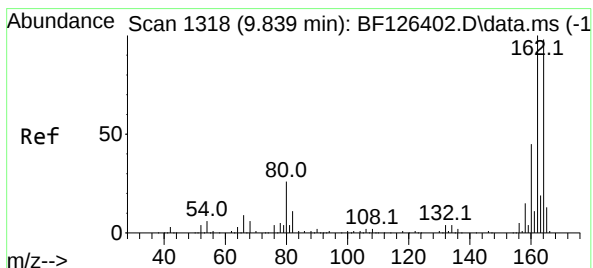
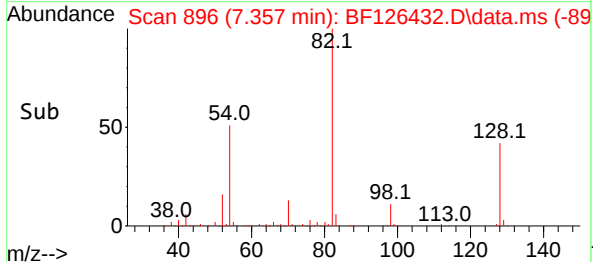
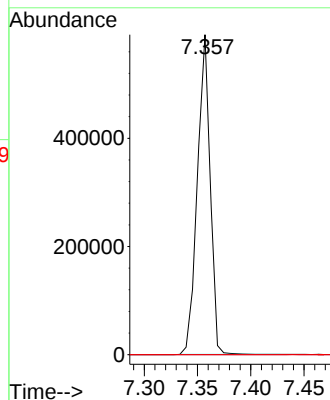
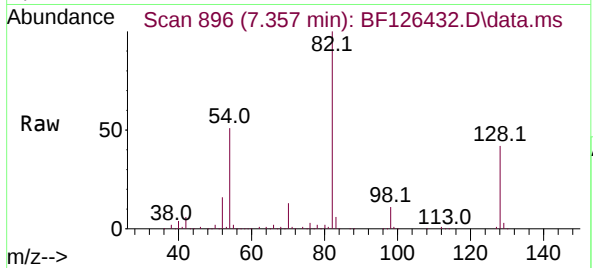




#25
Isophorone
Concen: 37.013 ng
RT: 7.357 min Scan# 896
Delta R.T. -0.265 min
Lab File: BF126432.D
Acq: 30 Dec 2021 22:04

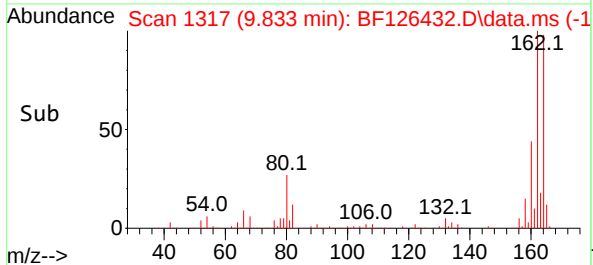
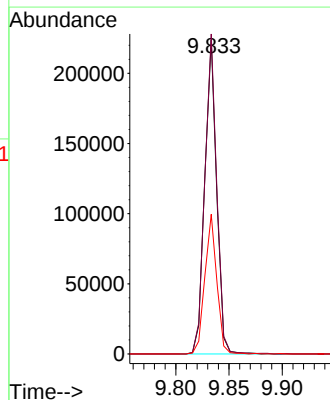
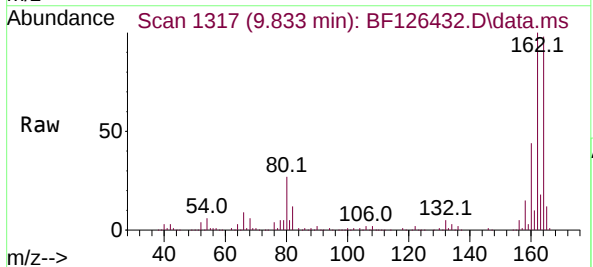
Instrument :
BNA_F
ClientSampleId :
CONC-13E

Tgt Ion: 82 Resp: 496108
Ion Ratio Lower Upper
82 100
95 0.0 5.0 7.4#
138 0.0 12.3 18.5#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.833 min Scan# 1317
Delta R.T. -0.006 min
Lab File: BF126432.D
Acq: 30 Dec 2021 22:04

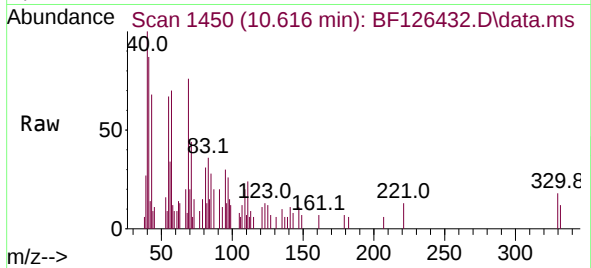
Tgt Ion: 164 Resp: 174072
Ion Ratio Lower Upper
164 100
162 101.9 81.4 122.0
160 44.5 36.6 54.8



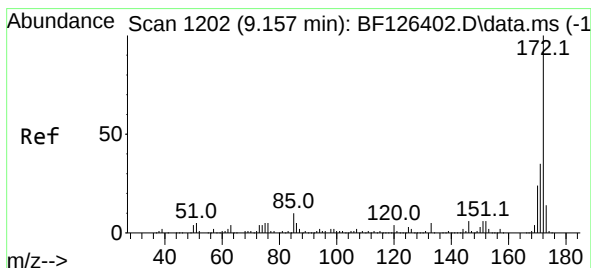
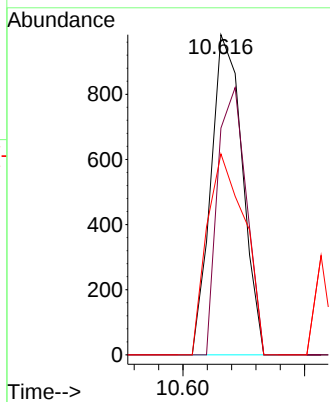
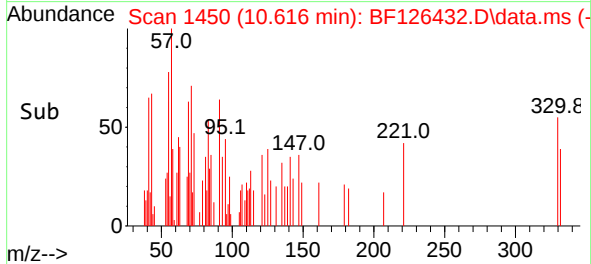


#42
2,4,6-Tribromophenol
Concen: 0.656 ng
RT: 10.616 min Scan# 1450
Delta R.T. -0.006 min
Lab File: BF126432.D
Acq: 30 Dec 2021 22:04

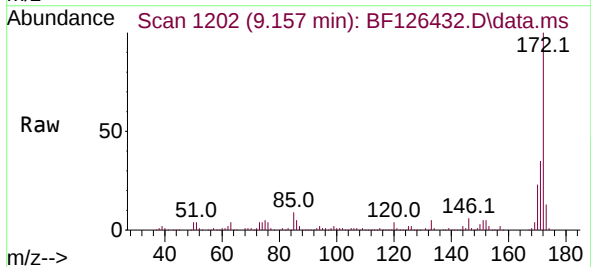
Instrument :
BNA_F
ClientSampleId :
CONC-13E



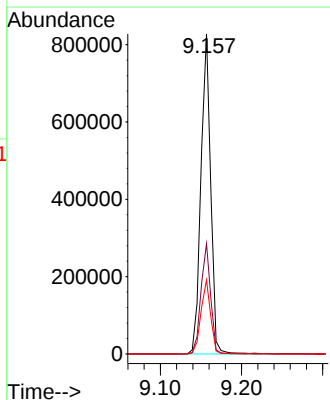
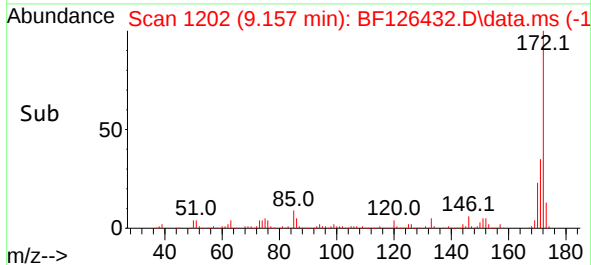
Tgt Ion:330 Resp: 883
Ion Ratio Lower Upper
330 100
332 76.3 76.0 114.0
141 75.2 30.1 45.1#

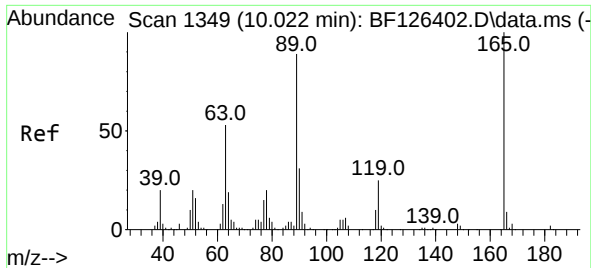


#45
2-Fluorobiphenyl
Concen: 69.786 ng
RT: 9.157 min Scan# 1202
Delta R.T. -0.000 min
Lab File: BF126432.D
Acq: 30 Dec 2021 22:04



Tgt Ion:172 Resp: 690321
Ion Ratio Lower Upper
172 100
171 34.5 28.3 42.5
170 23.1 19.0 28.6

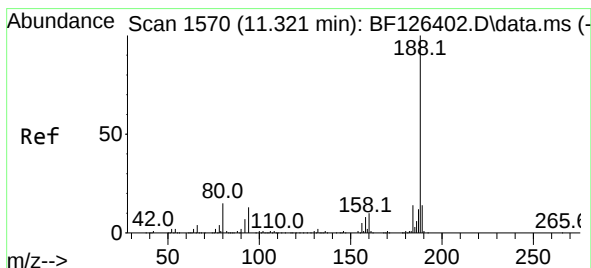
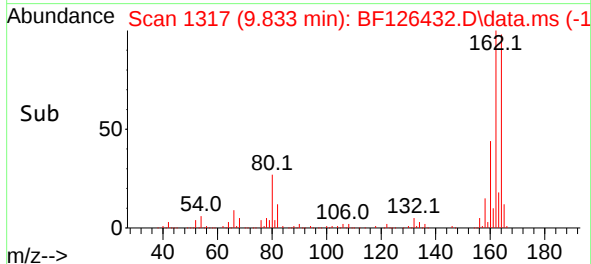
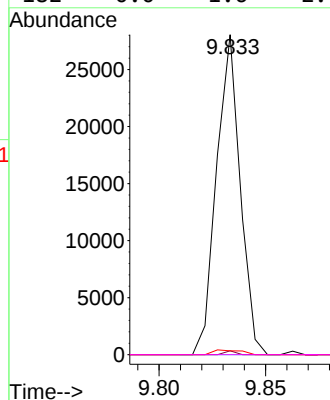
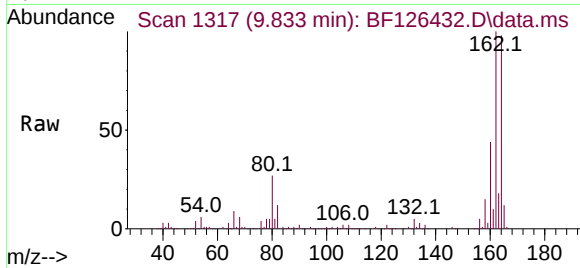




#57
2,4-Dinitrotoluene
Concen: 7.149 ng
RT: 9.833 min Scan# 11
Delta R.T. -0.188 min
Lab File: BF126432.D
Acq: 30 Dec 2021 22:04

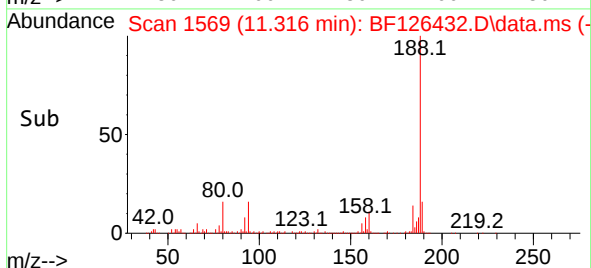
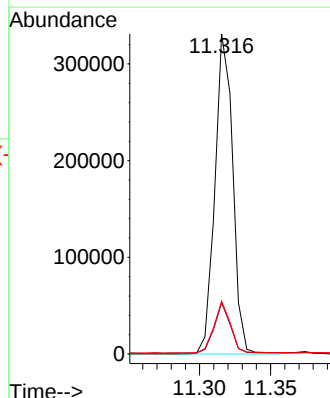
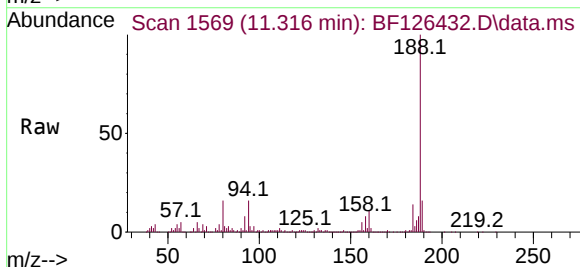
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CONC-13E

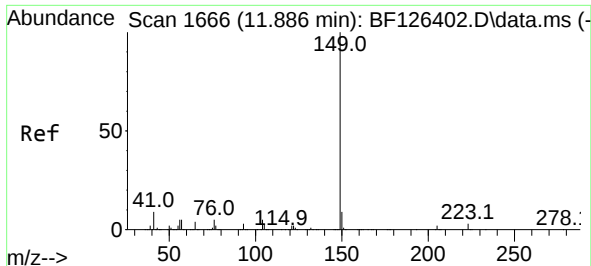
Tgt Ion:165 Resp: 21646
Ion Ratio Lower Upper
165 100
63 1.2 43.0 64.6#
89 1.2 71.0 106.4#
182 0.0 1.6 2.4#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.316 min Scan# 1569
Delta R.T. -0.006 min
Lab File: BF126432.D
Acq: 30 Dec 2021 22:04

Tgt Ion:188 Resp: 289177
Ion Ratio Lower Upper
188 100
94 16.0 10.1 15.1#
80 16.5 11.8 17.6

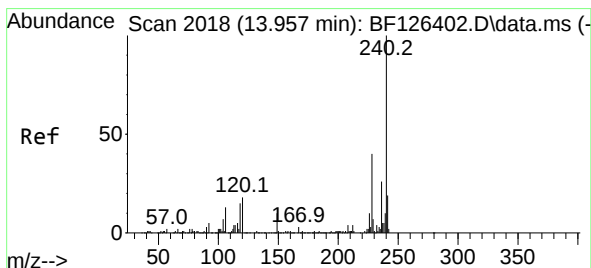
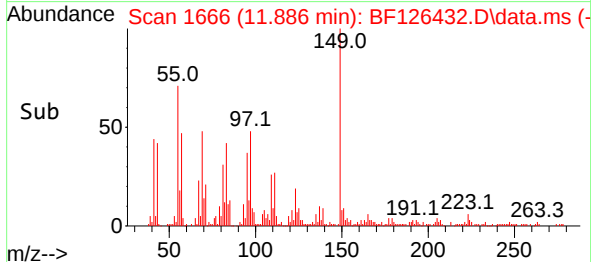
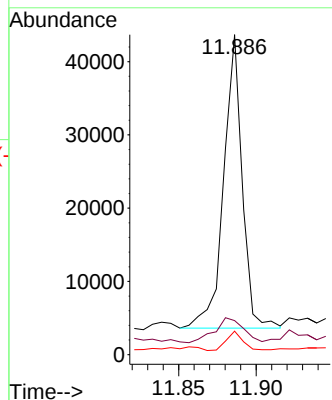
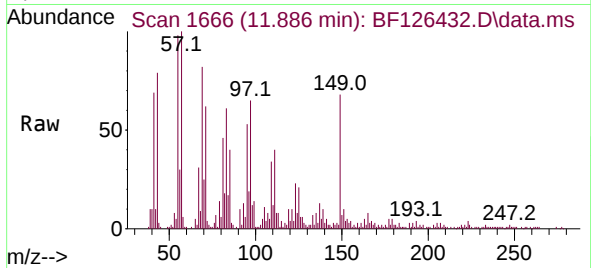




#74
Di-n-butylphthalate
Concen: 2.024 ng
RT: 11.886 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF126432.D
Acq: 30 Dec 2021 22:04

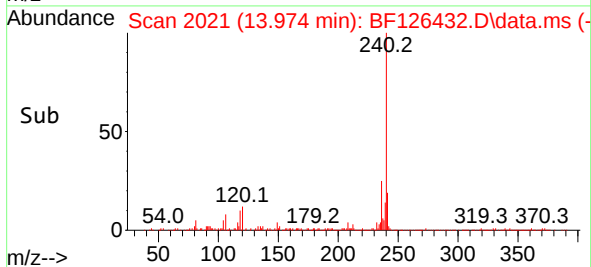
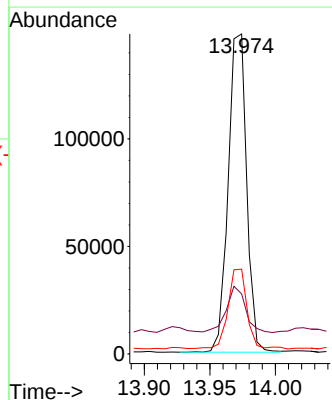
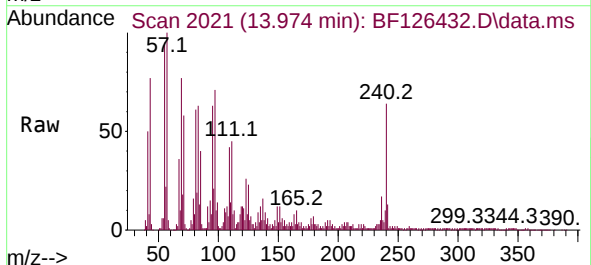
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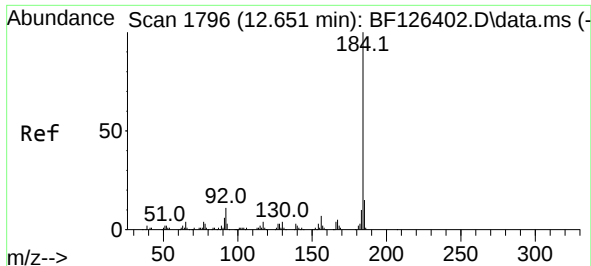
Tgt Ion:149 Resp: 33384
Ion Ratio Lower Upper
149 100
150 10.6 7.2 10.8
104 7.3 4.2 6.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.974 min Scan# 2021
Delta R.T. 0.018 min
Lab File: BF126432.D
Acq: 30 Dec 2021 22:04

Tgt Ion:240 Resp: 145020
Ion Ratio Lower Upper
240 100
120 18.8 14.4 21.6
236 26.5 20.5 30.7

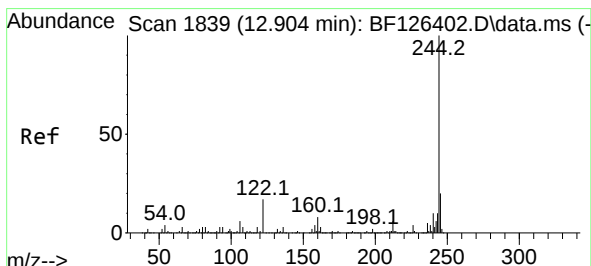
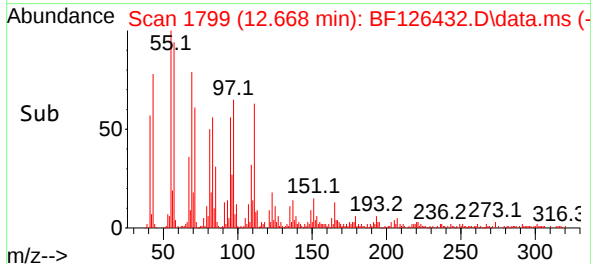
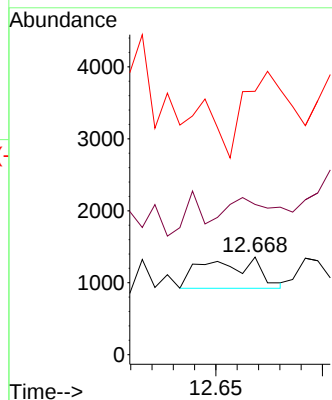
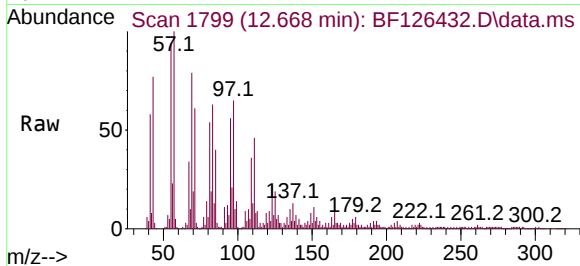




#77
Benzidine
Concen: Below Cal
RT: 12.668 min Scan# 1799
Delta R.T. 0.017 min
Lab File: BF126432.D
Acq: 30 Dec 2021 22:04

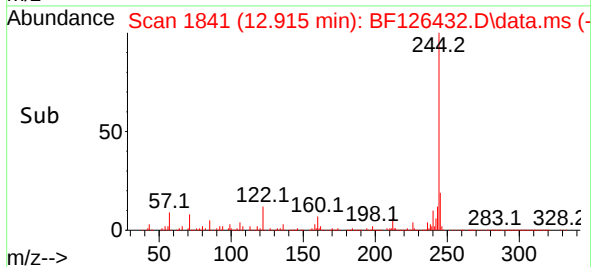
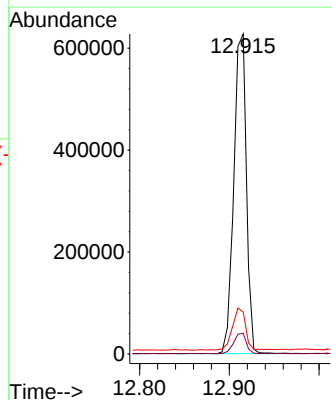
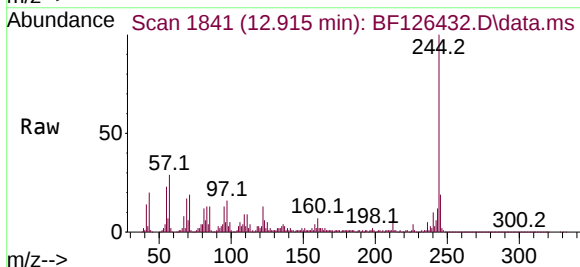
Instrument :
BNA_F
ClientSampleId :
CONC-13E

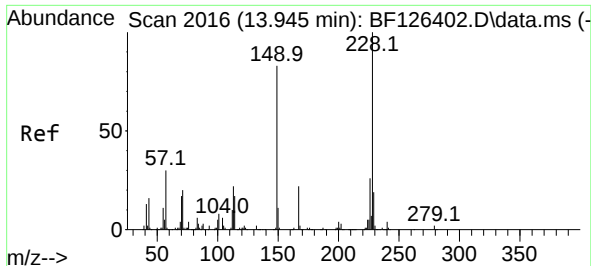
Tgt Ion:184 Resp: 752
Ion Ratio Lower Upper
184 100
185 153.9 11.8 17.8#
183 269.6 8.2 12.2#



#79
Terphenyl-d14
Concen: 82.241 ng
RT: 12.915 min Scan# 1841
Delta R.T. 0.012 min
Lab File: BF126432.D
Acq: 30 Dec 2021 22:04

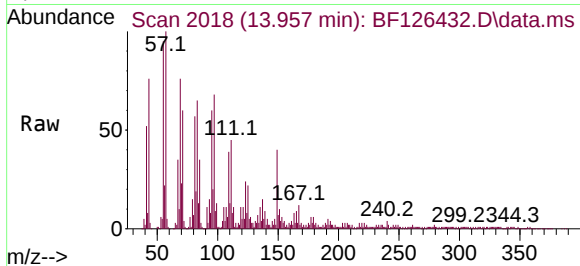
Tgt Ion:244 Resp: 613847
Ion Ratio Lower Upper
244 100
212 6.5 5.0 7.4
122 13.1 13.3 19.9#



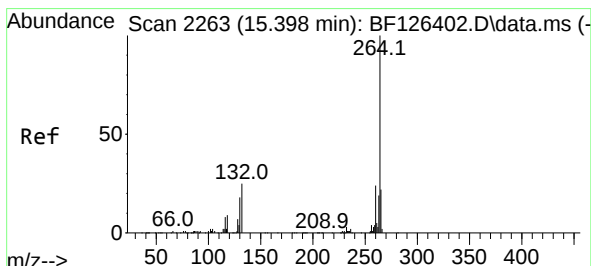
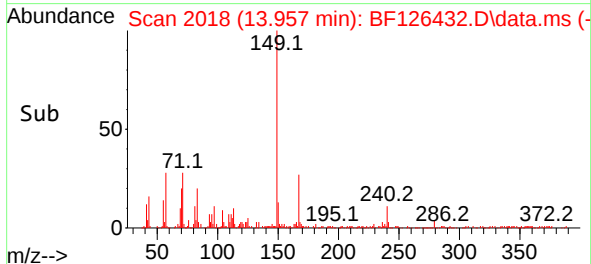
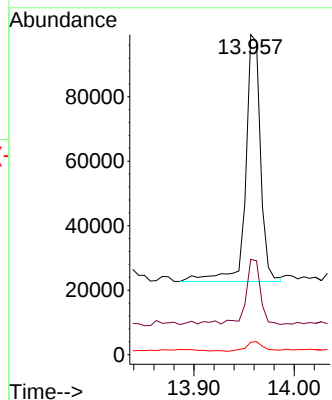


#84
Bis(2-ethylhexyl)phthalate
Concen: 14.120 ng
RT: 13.957 min Scan# 2016
Delta R.T. 0.012 min
Lab File: BF126432.D
Acq: 30 Dec 2021 22:04

Instrument :
BNA_F
ClientSampleId :
CONC-13E



Tgt Ion:149 Resp: 79469
Ion Ratio Lower Upper
149 100
167 29.8 21.4 32.2
279 3.9 2.4 3.6#



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.433 min Scan# 2269
Delta R.T. 0.035 min
Lab File: BF126432.D
Acq: 30 Dec 2021 22:04

Tgt Ion:264 Resp: 111013
Ion Ratio Lower Upper
264 100
260 27.2 19.2 28.8
265 21.6 17.4 26.2

