

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080921\
 Data File : BF125015.D
 Acq On : 9 Aug 2021 22:40
 Operator : JU/CG
 Sample : M3298-05
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 1928-1930

Quant Time: Aug 10 04:46:44 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080421.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 09 11:03:44 2021
 Response via : Initial Calibration

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

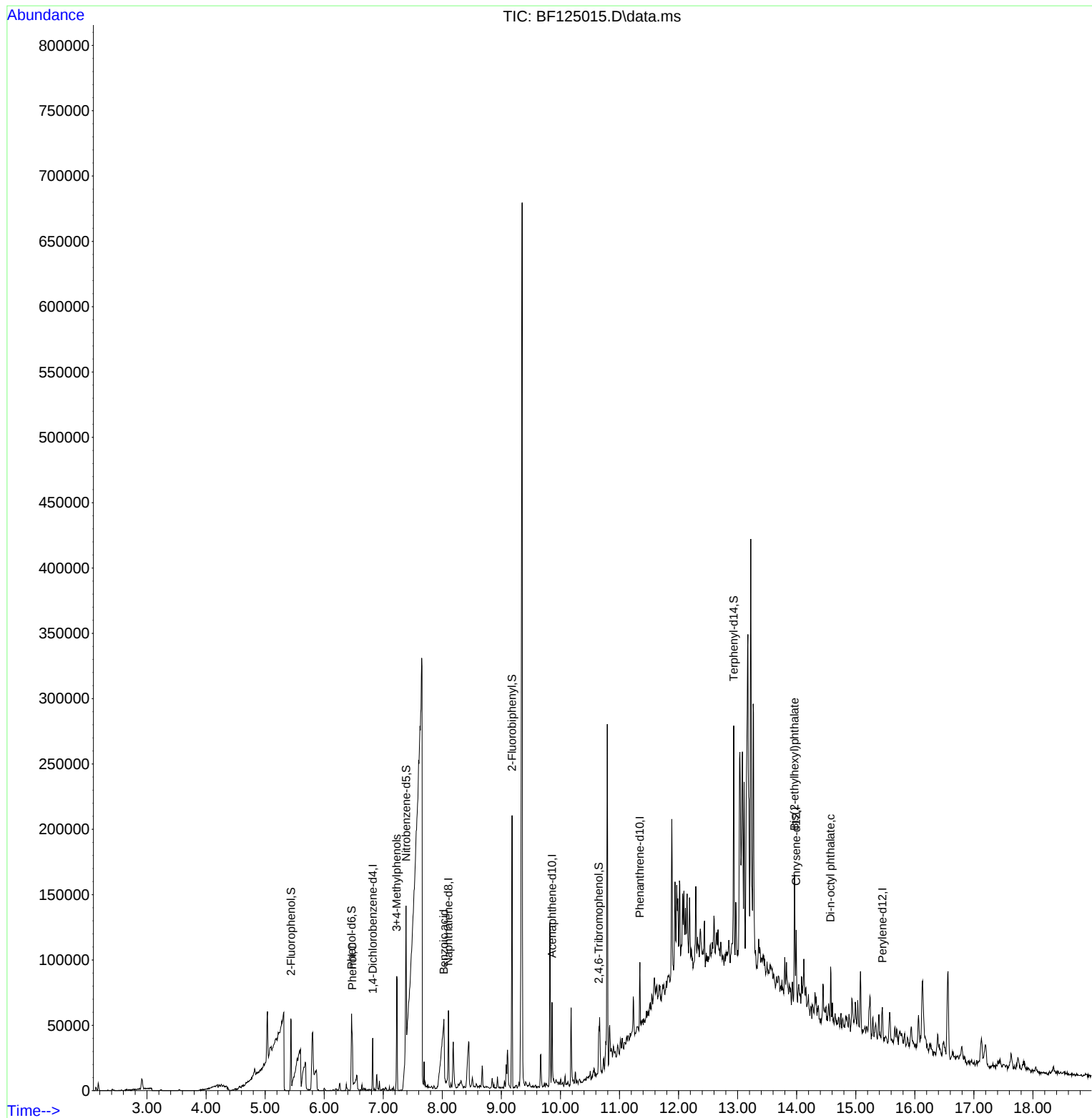
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.822	152	5666	20.000	ng	0.00
21) Naphthalene-d8	8.104	136	20230	20.000	ng	# 0.00
39) Acenaphthene-d10	9.857	164	9353	20.000	ng	0.00
64) Phenanthrene-d10	11.345	188	13831	20.000	ng	# 0.00
76) Chrysene-d12	13.992	240	11827	20.000	ng	0.00
86) Perylene-d12	15.451	264	8452	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.439	112	15662	45.281	ng	0.00
7) Phenol-d6	6.463	99	16255	37.270	ng	0.00
23) Nitrobenzene-d5	7.386	82	30352	78.487	ng	0.00
42) 2,4,6-Tribromophenol	10.651	330	3711	44.411	ng	0.00
45) 2-Fluorobiphenyl	9.180	172	53951	84.404	ng	0.00
79) Terphenyl-d14	12.933	244	50713	72.329	ng	0.00
Target Compounds						
						Qvalue
10) Phenol	6.475	94	10926	24.279	ng	97
20) 3+4-Methylphenols	7.228	107	14230	37.744	ng	# 74
32) Benzoic acid	8.027	122	32731	180.682	ng	90
84) Bis(2-ethylhexyl)phtha...	13.962	149	32844	57.110	ng	# 100
85) Di-n-octyl phthalate	14.574	149	20162	22.222	ng	# 98

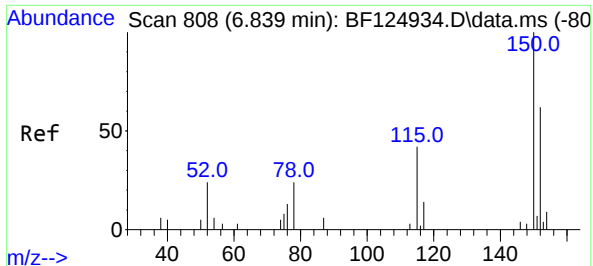
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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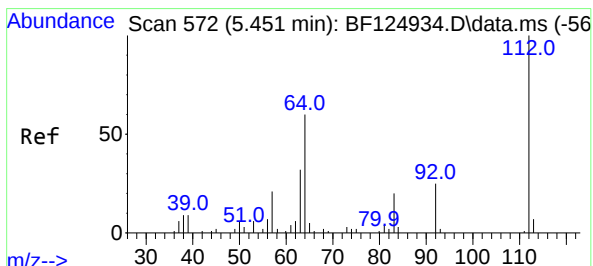
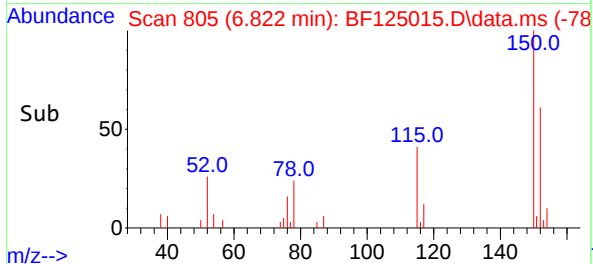
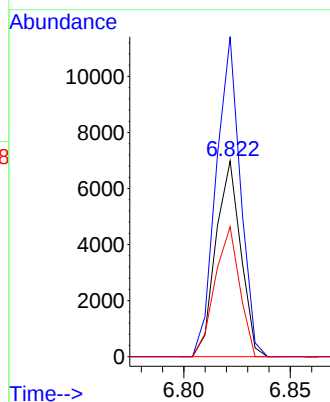
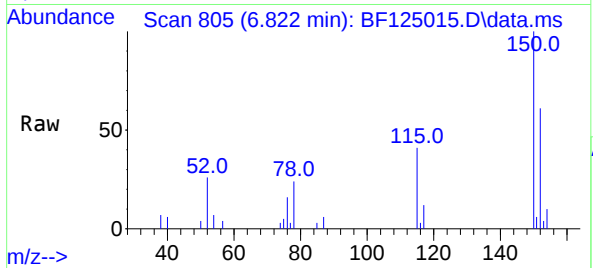




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.822 min Scan# 805
Delta R.T. -0.000 min
Lab File: BF125015.D
Acq: 9 Aug 2021 22:40

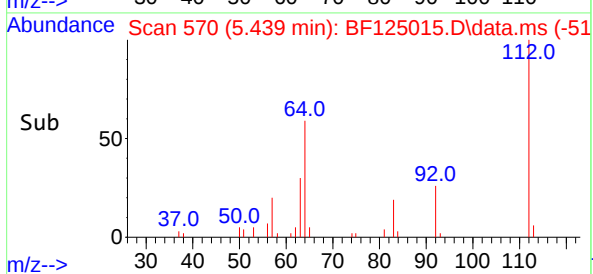
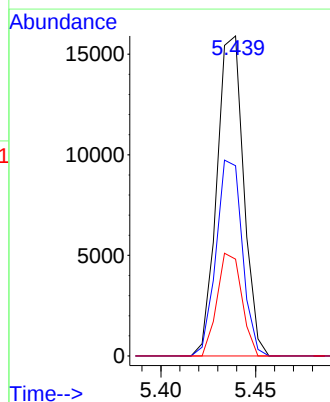
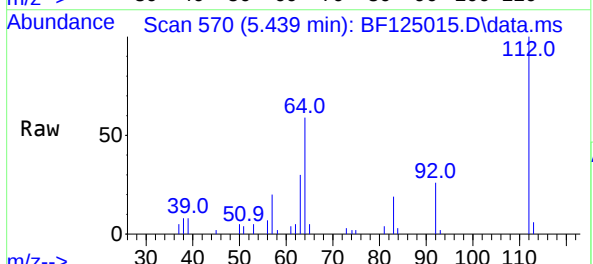
Instrument :
BNA_F
ClientSampleId :
1928-1930

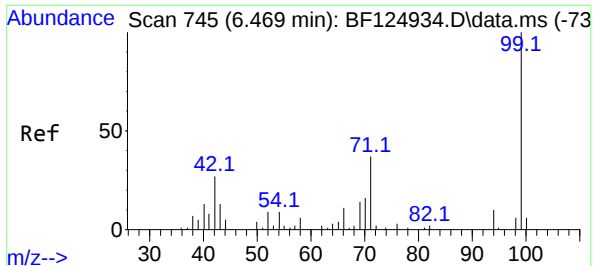
Tgt Ion:152 Resp: 5666
Ion Ratio Lower Upper
152 100
150 163.5 117.6 176.4
115 66.4 47.1 70.7



#5
2-Fluorophenol
Concen: 45.281 ng
RT: 5.439 min Scan# 570
Delta R.T. -0.000 min
Lab File: BF125015.D
Acq: 9 Aug 2021 22:40

Tgt Ion:112 Resp: 15662
Ion Ratio Lower Upper
112 100
64 59.4 44.2 66.2
63 30.2 26.2 39.2

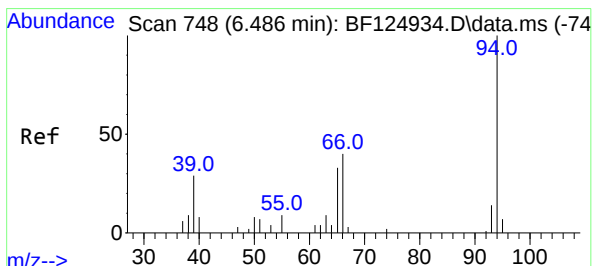
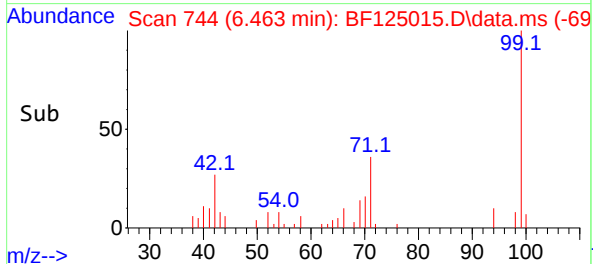
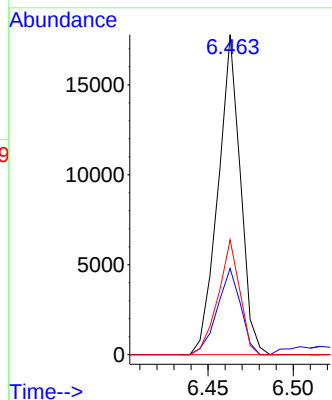
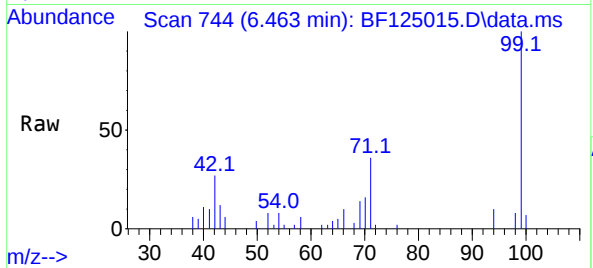




#7
Phenol-d6
Concen: 37.270 ng
RT: 6.463 min Scan# 744
Delta R.T. 0.006 min
Lab File: BF125015.D
Acq: 9 Aug 2021 22:40

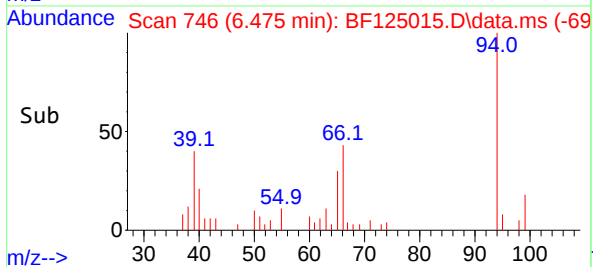
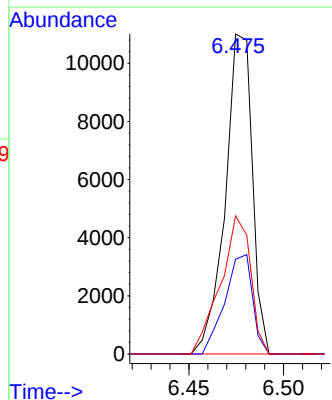
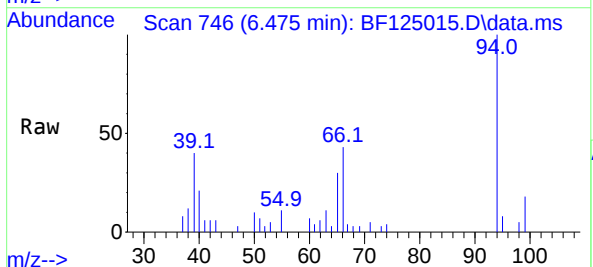
Instrument :
BNA_F
ClientSampleId :
1928-1930

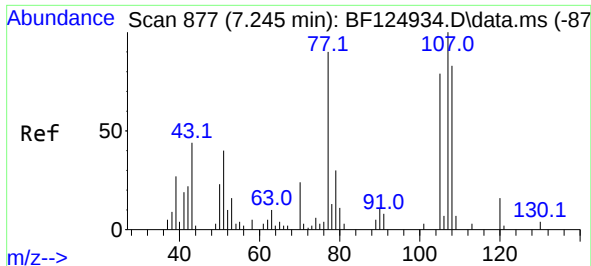
Tgt Ion: 99 Resp: 16255
Ion Ratio Lower Upper
99 100
42 27.0 23.5 35.3
71 35.9 25.6 38.4



#10
Phenol
Concen: 24.279 ng
RT: 6.475 min Scan# 746
Delta R.T. 0.006 min
Lab File: BF125015.D
Acq: 9 Aug 2021 22:40

Tgt Ion: 94 Resp: 10926
Ion Ratio Lower Upper
94 100
65 29.6 9.3 49.3
66 43.1 20.3 60.3

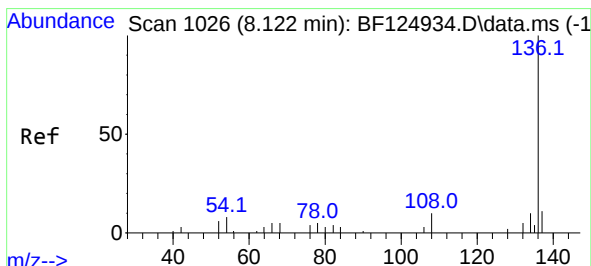
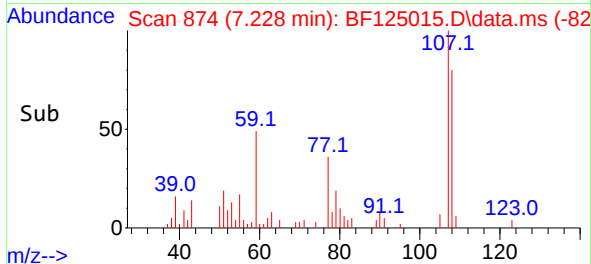
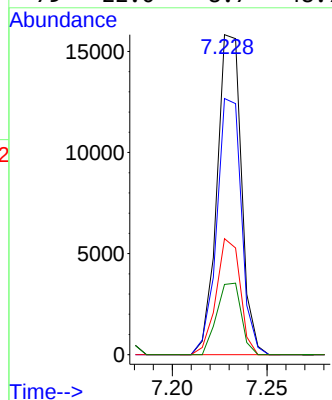
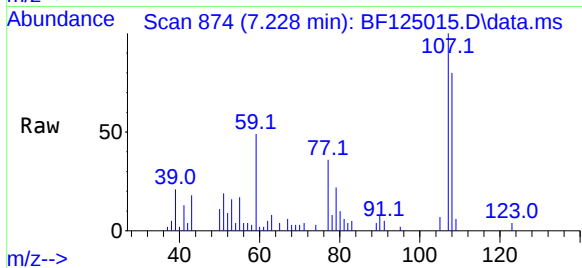




#20
3+4-Methylphenols
Concen: 37.744 ng
RT: 7.228 min Scan# 874
Delta R.T. -0.006 min
Lab File: BF125015.D
Acq: 9 Aug 2021 22:40

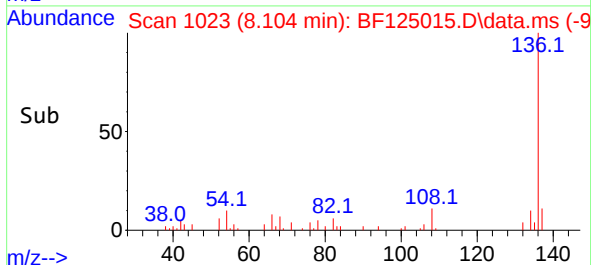
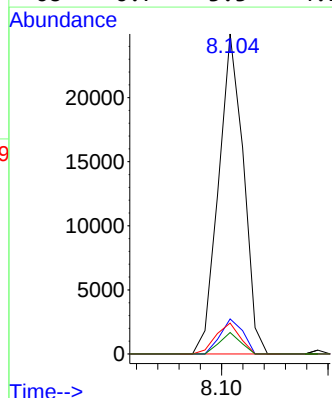
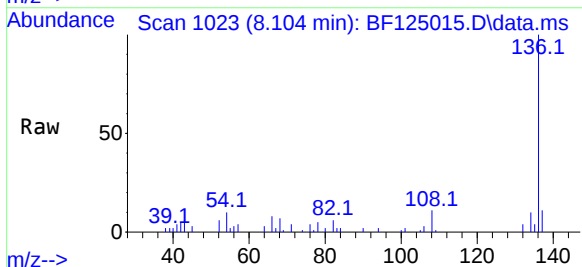
Instrument :
BNA_F
ClientSampleId :
1928-1930

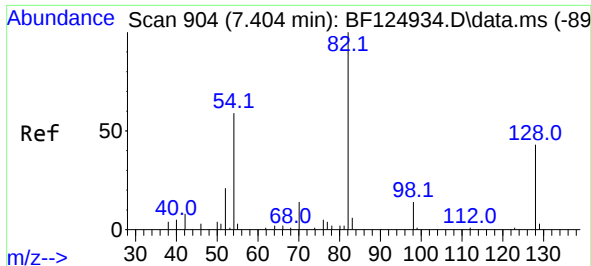
Tgt Ion:107 Resp: 14230
Ion Ratio Lower Upper
107 100
108 80.0 76.6 116.6
77 36.3 53.3 93.3#
79 22.0 8.7 48.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.104 min Scan# 1023
Delta R.T. -0.000 min
Lab File: BF125015.D
Acq: 9 Aug 2021 22:40

Tgt Ion:136 Resp: 20230
Ion Ratio Lower Upper
136 100
137 11.0 9.8 14.6
54 9.6 6.4 9.6#
68 6.7 3.3 4.9#

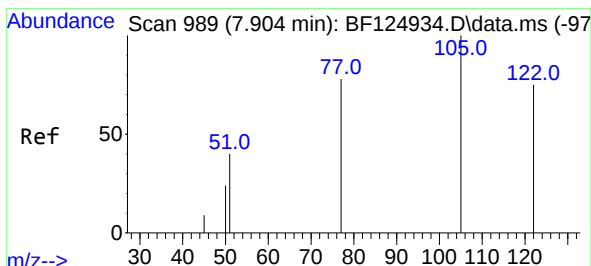
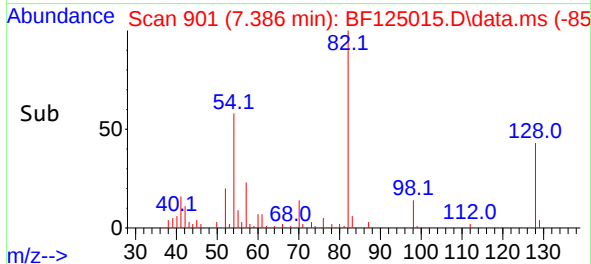
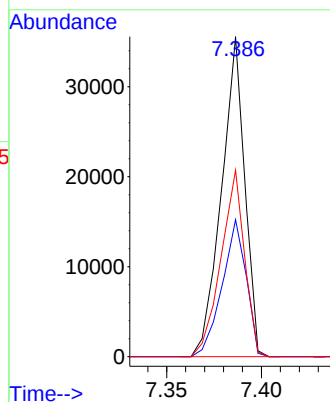
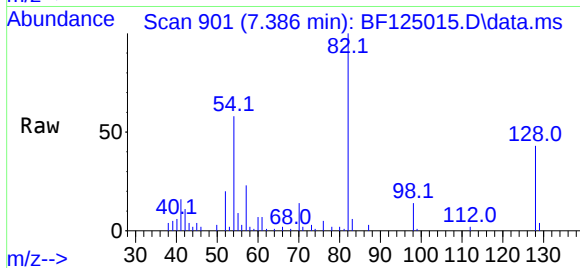




#23
Nitrobenzene-d5
Concen: 78.487 ng
RT: 7.386 min Scan# 901
Delta R.T. -0.006 min
Lab File: BF125015.D
Acq: 9 Aug 2021 22:40

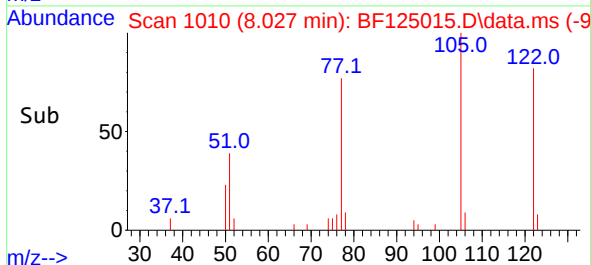
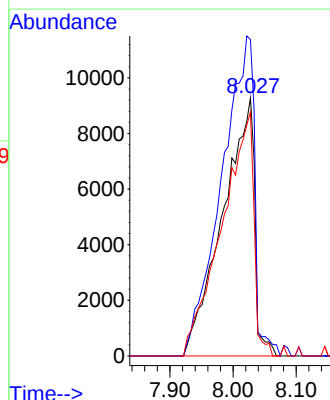
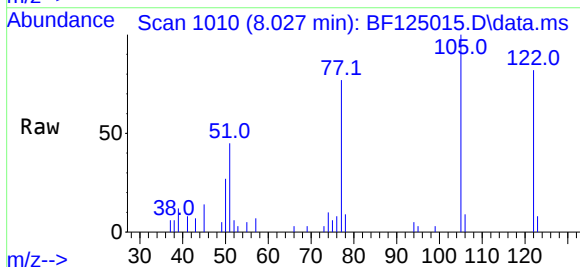
Instrument :
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ClientSampleId :
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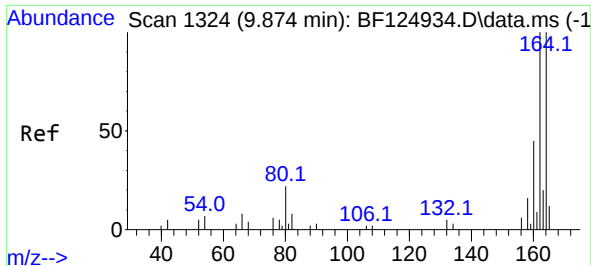
Tgt Ion: 82 Resp: 30352
Ion Ratio Lower Upper
82 100
128 42.8 40.6 60.8
54 58.3 49.6 74.4



#32
Benzoic acid
Concen: 180.682 ng
RT: 8.027 min Scan# 1010
Delta R.T. 0.135 min
Lab File: BF125015.D
Acq: 9 Aug 2021 22:40

Tgt Ion: 122 Resp: 32731
Ion Ratio Lower Upper
122 100
105 122.6 97.6 137.6
77 94.5 59.6 99.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.857 min Scan# 1321

Delta R.T. -0.006 min

Lab File: BF125015.D

Acq: 9 Aug 2021 22:40

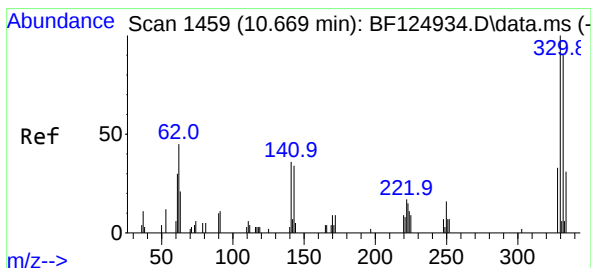
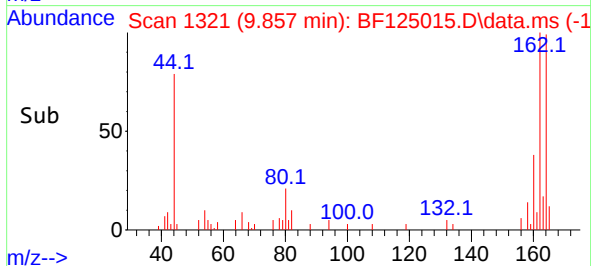
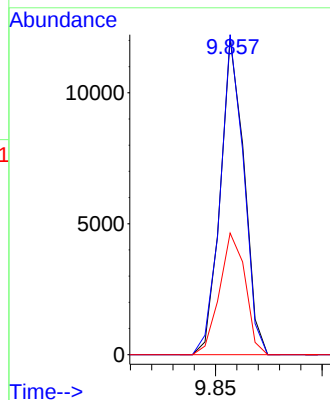
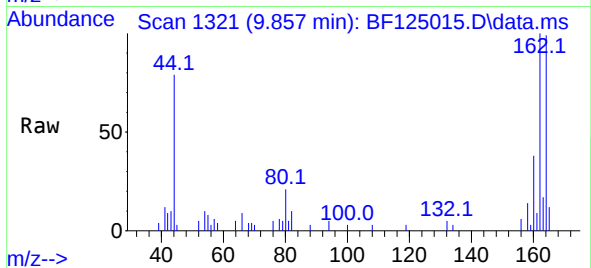
Tgt Ion:164 Resp: 9353

Ion Ratio Lower Upper

164 100

162 101.2 81.3 121.9

160 38.5 38.0 57.0



#42

2,4,6-Tribromophenol

Concen: 44.411 ng

RT: 10.651 min Scan# 1456

Delta R.T. -0.000 min

Lab File: BF125015.D

Acq: 9 Aug 2021 22:40

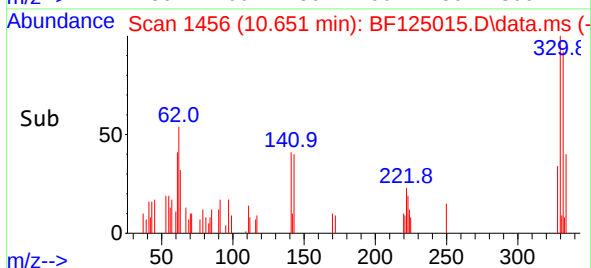
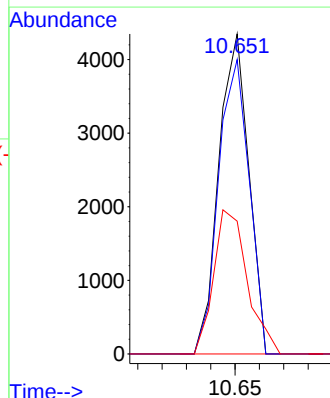
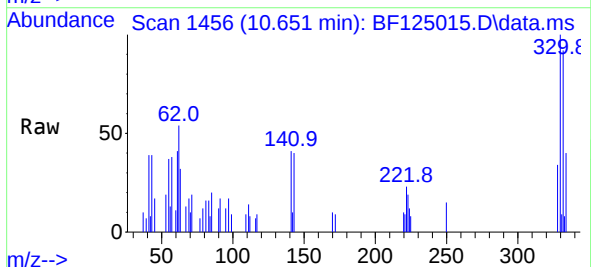
Tgt Ion:330 Resp: 3711

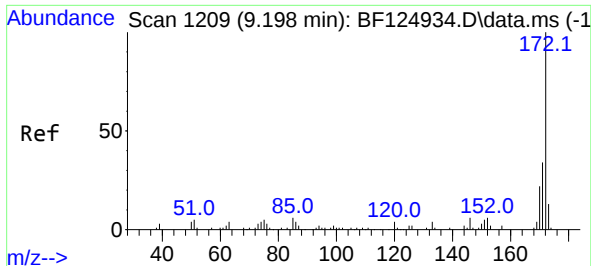
Ion Ratio Lower Upper

330 100

332 94.2 76.2 114.4

141 50.7 44.6 66.8

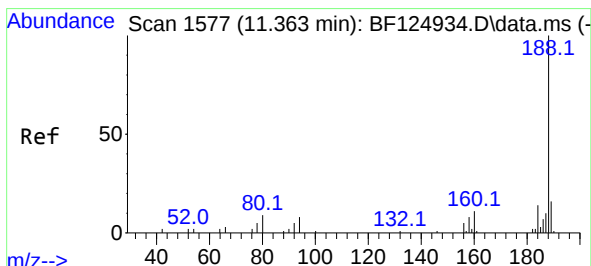
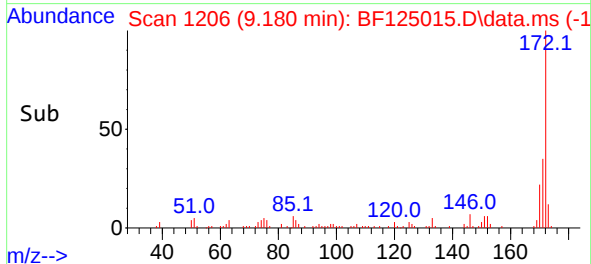
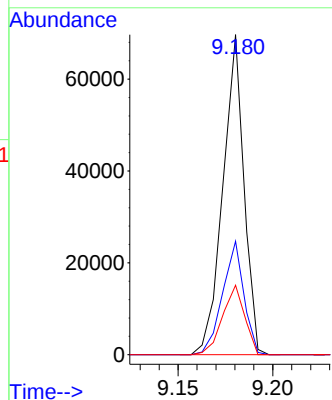
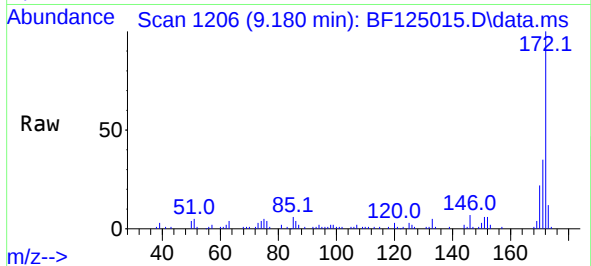




#45
2-Fluorobiphenyl
Concen: 84.404 ng
RT: 9.180 min Scan# 1206
Delta R.T. -0.000 min
Lab File: BF125015.D
Acq: 9 Aug 2021 22:40

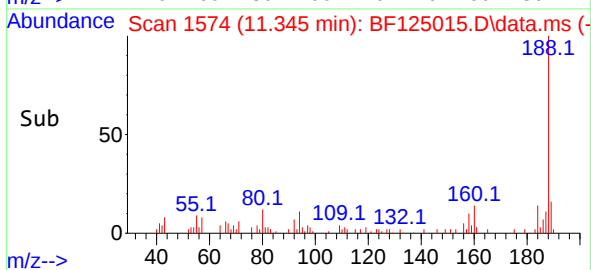
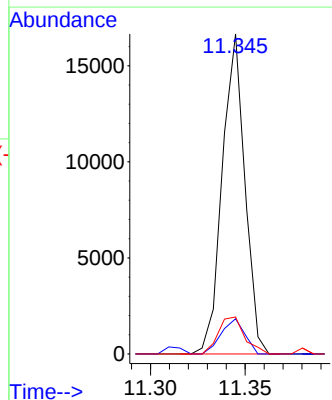
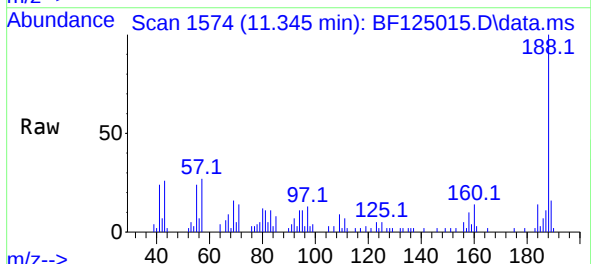
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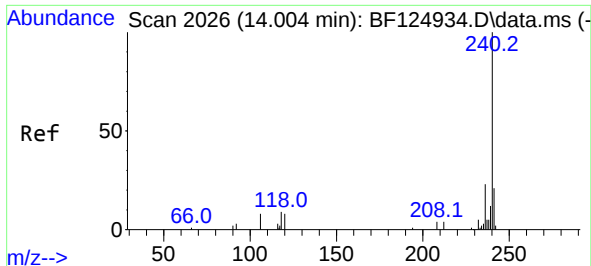
Tgt Ion:172 Resp: 53951
Ion Ratio Lower Upper
172 100
171 35.4 26.5 39.7
170 21.7 18.8 28.2



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.345 min Scan# 1574
Delta R.T. -0.000 min
Lab File: BF125015.D
Acq: 9 Aug 2021 22:40

Tgt Ion:188 Resp: 13831
Ion Ratio Lower Upper
188 100
94 11.0 6.7 10.1#
80 11.5 7.5 11.3#

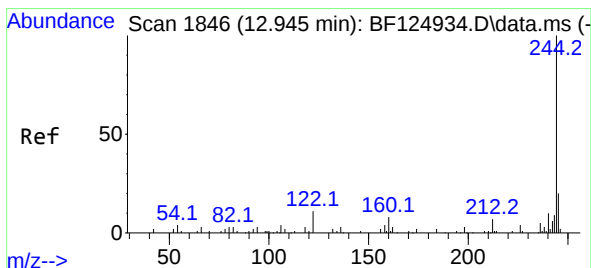
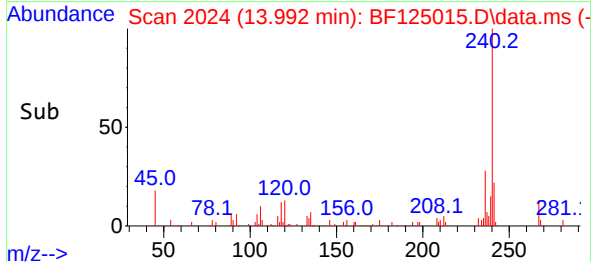
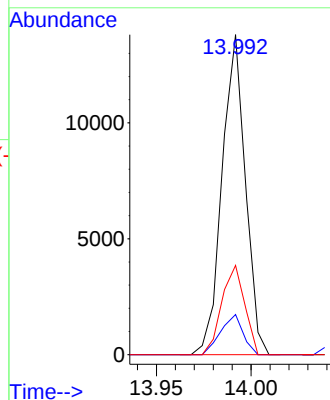
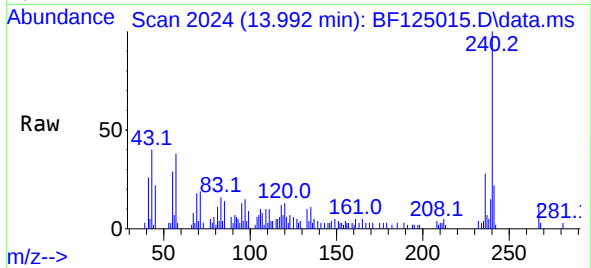




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.992 min Scan# 2024
Delta R.T. 0.006 min
Lab File: BF125015.D
Acq: 9 Aug 2021 22:40

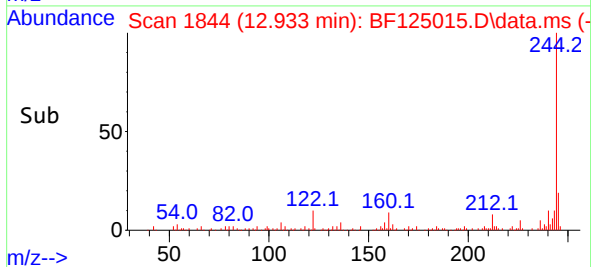
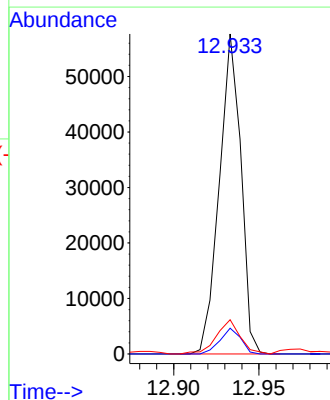
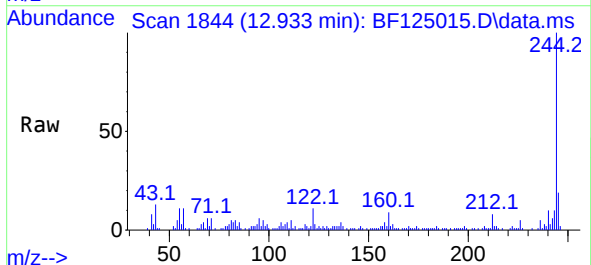
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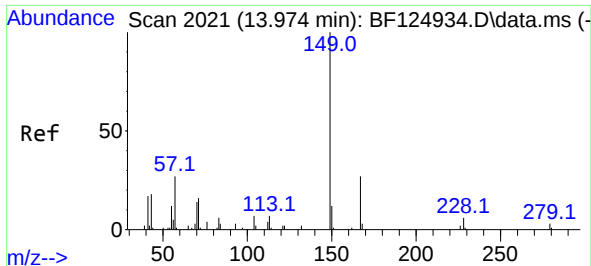
Tgt Ion:240 Resp: 11827
Ion Ratio Lower Upper
240 100
120 12.6 10.8 16.2
236 27.9 21.6 32.4



#79
Terphenyl-d14
Concen: 72.329 ng
RT: 12.933 min Scan# 1844
Delta R.T. 0.006 min
Lab File: BF125015.D
Acq: 9 Aug 2021 22:40

Tgt Ion:244 Resp: 50713
Ion Ratio Lower Upper
244 100
212 8.0 5.9 8.9
122 10.7 9.0 13.4

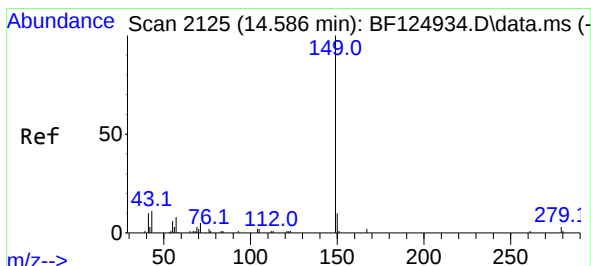
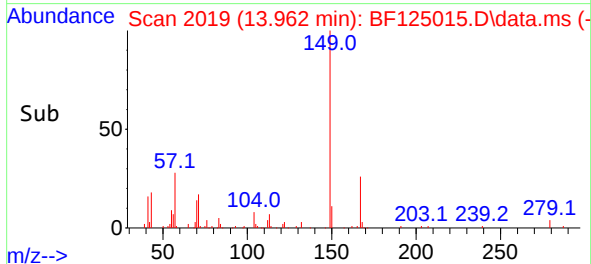
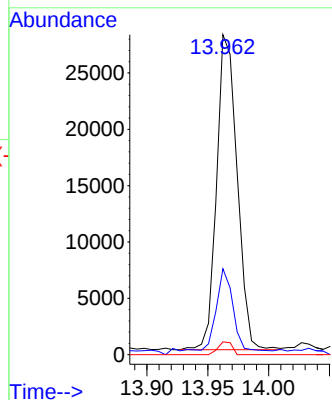
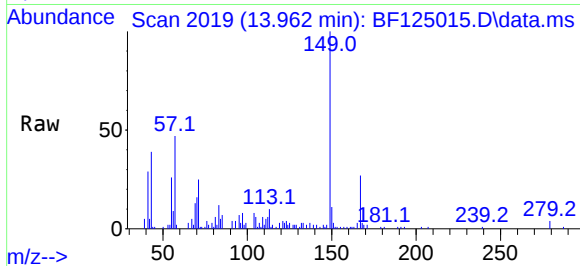




#84
Bis(2-ethylhexyl)phthalate
Concen: 57.110 ng
RT: 13.962 min Scan# 2019
Delta R.T. 0.006 min
Lab File: BF125015.D
Acq: 9 Aug 2021 22:40

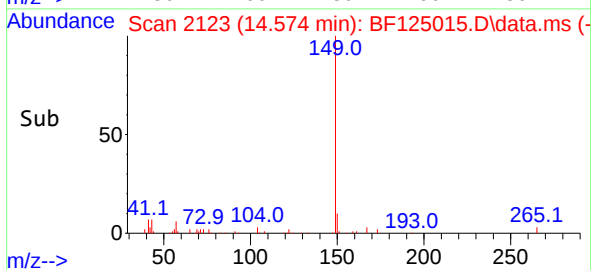
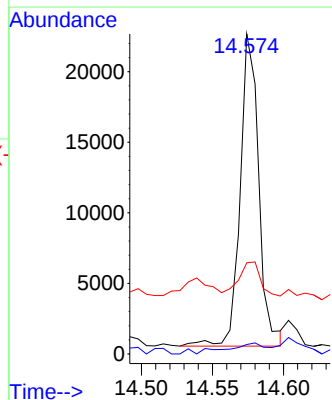
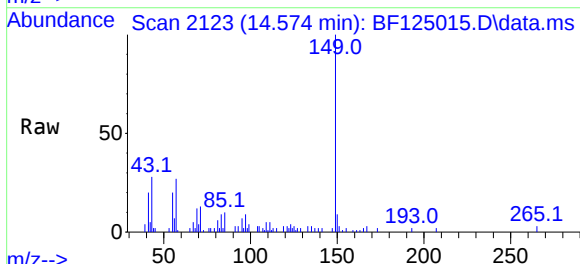
Instrument :
BNA_F
ClientSampleId :
1928-1930

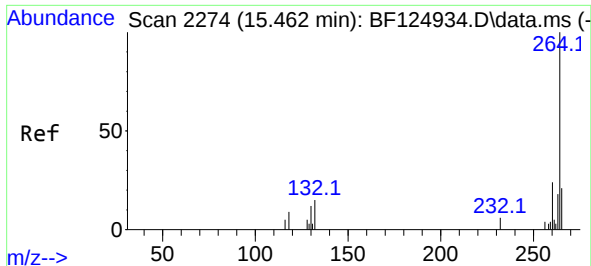
Tgt Ion:149 Resp: 32844
Ion Ratio Lower Upper
149 100
167 26.9 21.4 32.0
279 4.0 2.6 4.0#



#85
Di-n-octyl phthalate
Concen: 22.222 ng
RT: 14.574 min Scan# 2123
Delta R.T. 0.006 min
Lab File: BF125015.D
Acq: 9 Aug 2021 22:40

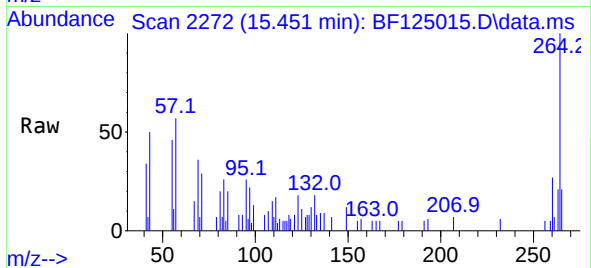
Tgt Ion:149 Resp: 20162
Ion Ratio Lower Upper
149 100
167 8.0 1.0 1.6#
43 12.7 9.9 14.9





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.451 min Scan# 2272
 Delta R.T. 0.012 min
 Lab File: BF125015.D
 Acq: 9 Aug 2021 22:40

Instrument :
 BNA_F
 ClientSampleId :
 1928-1930



Tgt Ion: 264 Resp: 8452

Ion	Ratio	Lower	Upper
264	100		
260	26.8	19.6	29.4
265	20.5	17.2	25.8

