

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091021\
 Data File : BF125425.D
 Acq On : 10 Sep 2021 15:45
 Operator : JU/CG
 Sample : M3686-04
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FRAC-TANK-DISCHARGE

Quant Time: Sep 10 17:14:35 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 08 14:14:01 2021
 Response via : Initial Calibration

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

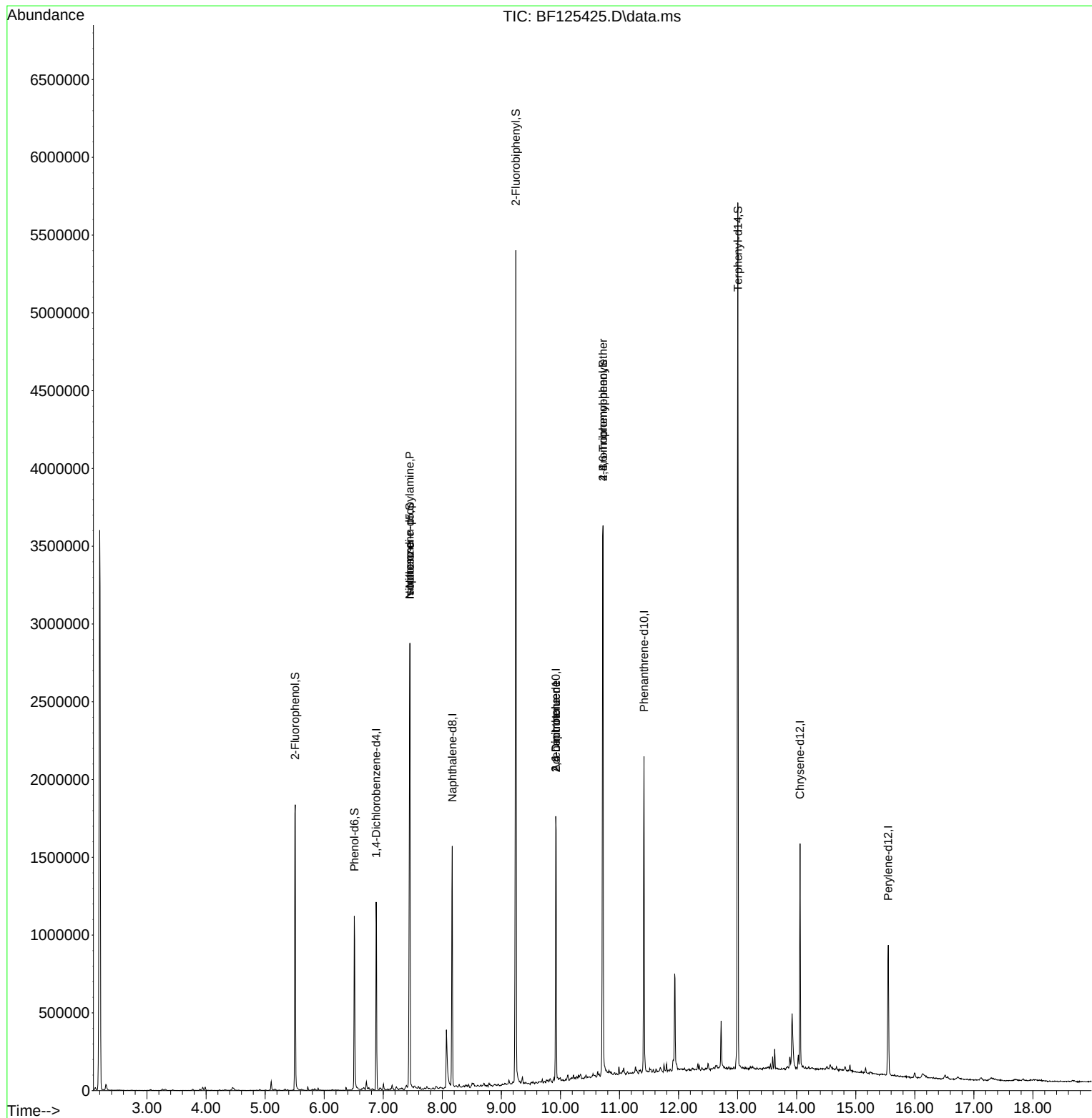
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	178308	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	690701	20.000	ng	# 0.00
39) Acenaphthene-d10	9.922	164	391048	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	725296	20.000	ng	0.00
76) Chrysene-d12	14.057	240	472754	20.000	ng	# 0.00
86) Perylene-d12	15.551	264	372492	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	488420	41.460	ng	0.00
7) Phenol-d6	6.510	99	363220	23.840	ng	-0.02
23) Nitrobenzene-d5	7.451	82	1036505	75.549	ng	0.00
42) 2,4,6-Tribromophenol	10.722	330	552476	141.533	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1900296	67.728	ng	0.00
79) Terphenyl-d14	13.004	244	2122710	71.531	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.451	70	138697	15.135	ng	# 56
25) Isophorone	7.451	82	1036493	39.162	ng	# 59
51) 2,6-Dinitrotoluene	9.922	165	51808	8.817	ng	# 28
57) 2,4-Dinitrotoluene	9.922	165	51808	7.285	ng	# 20
67) 4-Bromophenyl-phenylether	10.722	248	33203	3.812	ng	# 1

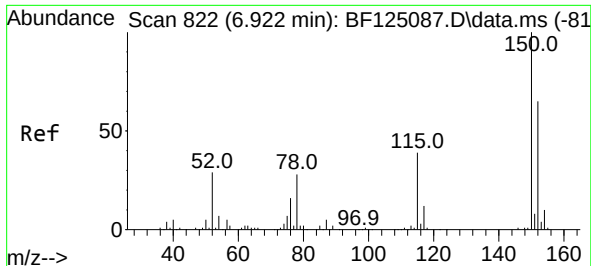
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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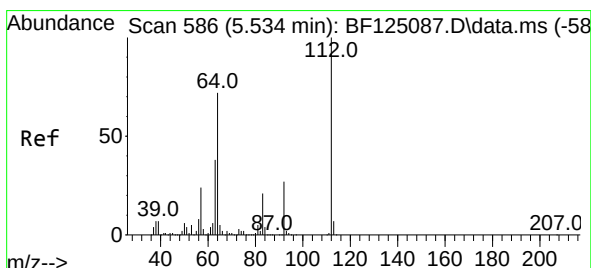
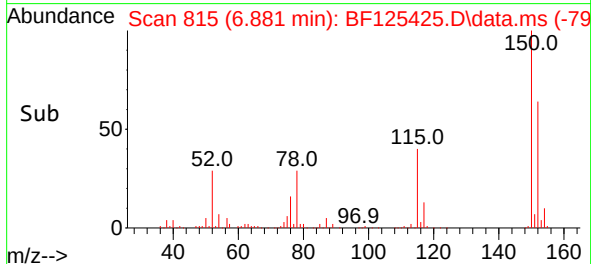
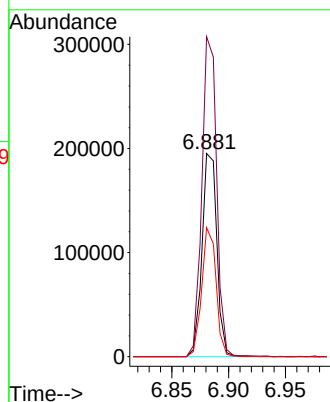
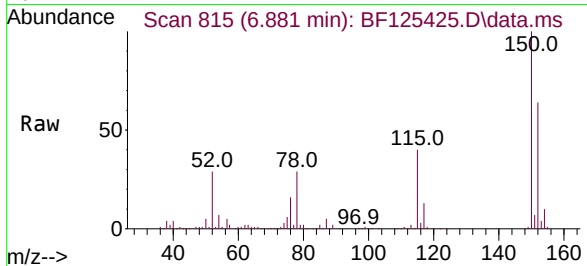




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 815
Delta R.T. -0.005 min
Lab File: BF125425.D
Acq: 10 Sep 2021 15:45

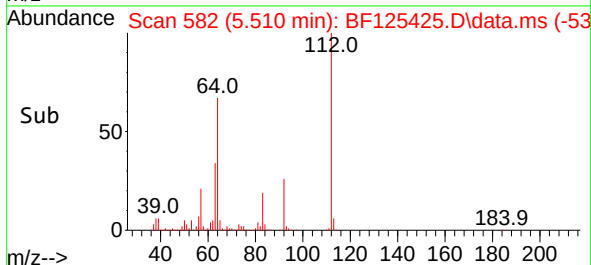
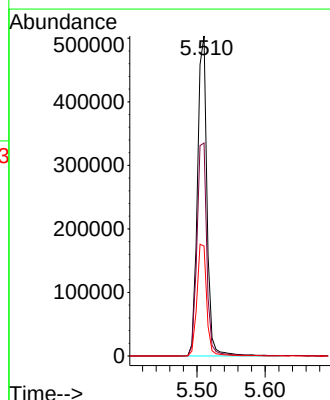
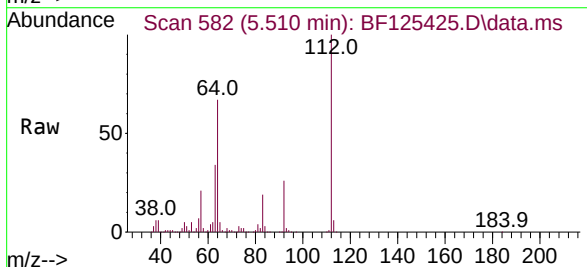
Instrument :
BNA_F
ClientSampleId :
FRAC-TANK-DISCHARGE

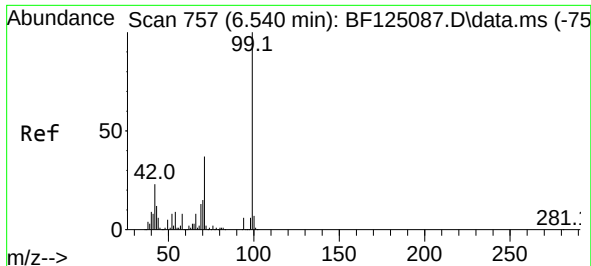
Tgt Ion:152 Resp: 178308
Ion Ratio Lower Upper
152 100
150 157.4 117.6 176.4
115 63.5 47.1 70.7



#5
2-Fluorophenol
Concen: 41.460 ng
RT: 5.510 min Scan# 582
Delta R.T. 0.000 min
Lab File: BF125425.D
Acq: 10 Sep 2021 15:45

Tgt Ion:112 Resp: 488420
Ion Ratio Lower Upper
112 100
64 66.5 44.2 66.2#
63 34.3 26.2 39.2

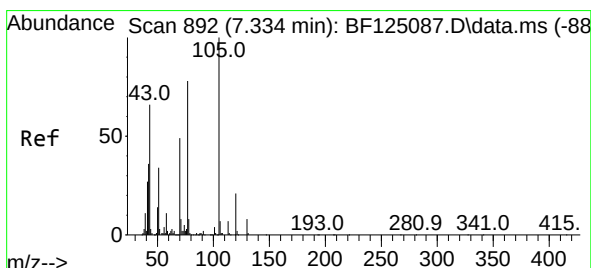
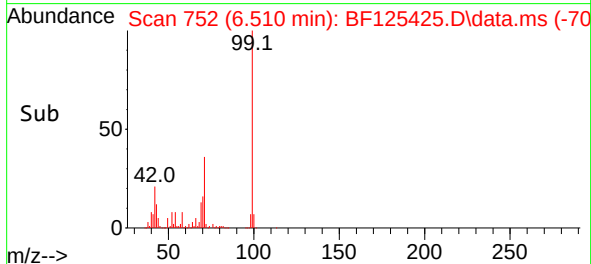
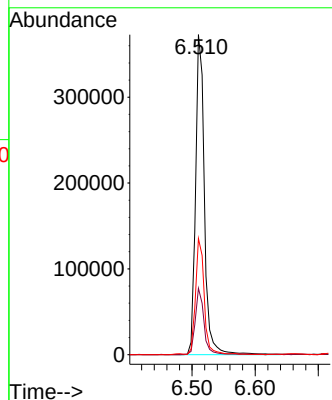
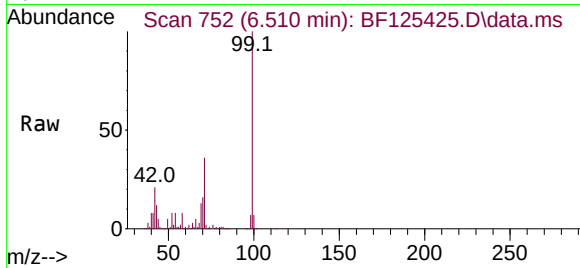




#7
Phenol-d6
Concen: 23.840 ng
RT: 6.510 min Scan# 752
Delta R.T. -0.018 min
Lab File: BF125425.D
Acq: 10 Sep 2021 15:45

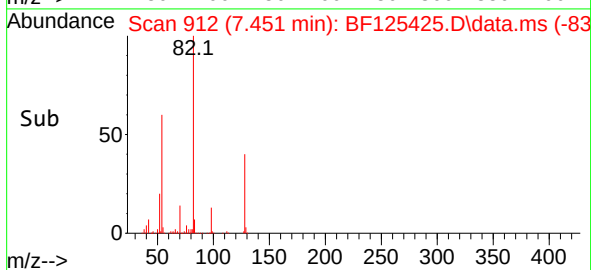
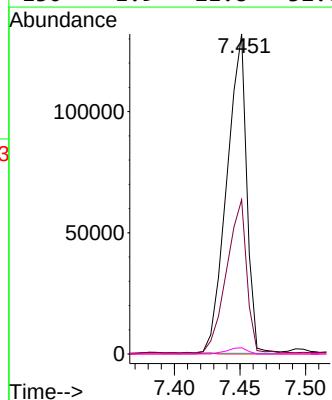
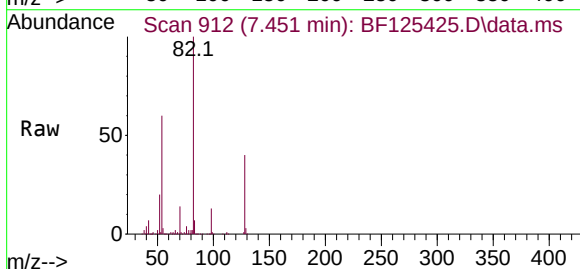
Instrument :
BNA_F
ClientSampleId :
FRAC-TANK-DISCHARGE

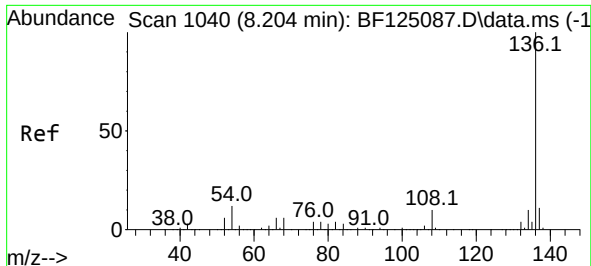
Tgt Ion: 99 Resp: 363220
Ion Ratio Lower Upper
99 100
42 20.8 23.5 35.3#
71 36.3 25.6 38.4



#19
n-Nitroso-di-n-propylamine
Concen: 15.135 ng
RT: 7.451 min Scan# 912
Delta R.T. 0.147 min
Lab File: BF125425.D
Acq: 10 Sep 2021 15:45

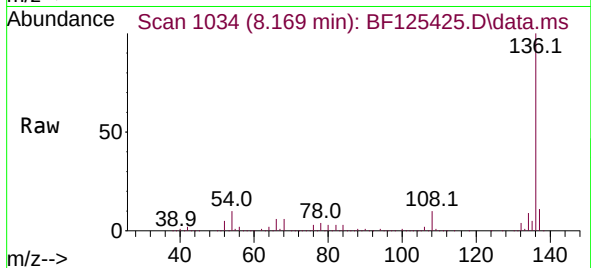
Tgt Ion: 70 Resp: 138697
Ion Ratio Lower Upper
70 100
42 48.2 72.2 108.2#
101 0.0 7.8 11.8#
130 1.9 21.8 32.6#



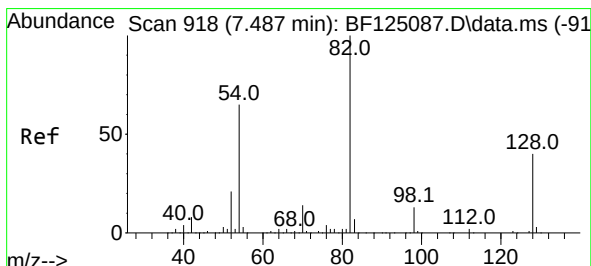
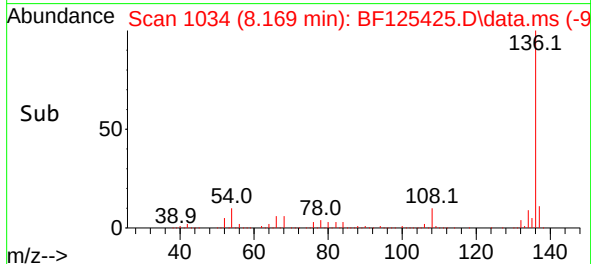
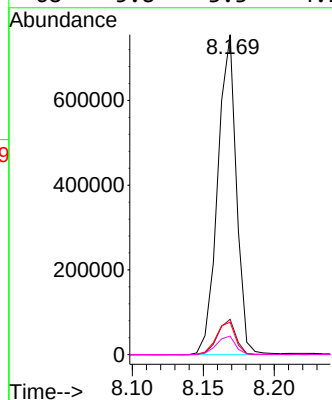


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1034
Delta R.T. -0.006 min
Lab File: BF125425.D
Acq: 10 Sep 2021 15:45

Instrument :
BNA_F
ClientSampleId :
FRAC-TANK-DISCHARGE

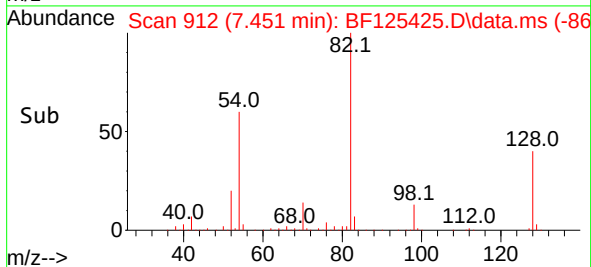
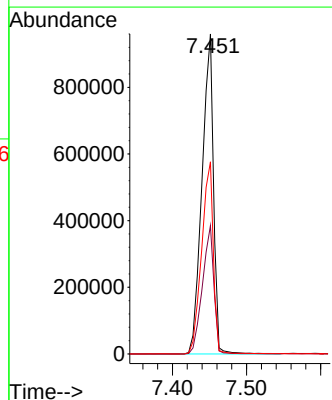
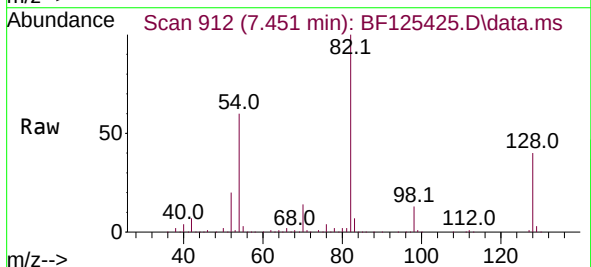


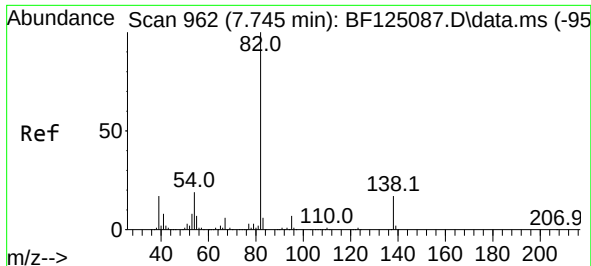
Tgt Ion:136 Resp: 690701
Ion Ratio Lower Upper
136 100
137 11.1 9.8 14.6
54 10.1 6.4 9.6#
68 5.8 3.3 4.9#



#23
Nitrobenzene-d5
Concen: 75.549 ng
RT: 7.451 min Scan# 912
Delta R.T. -0.006 min
Lab File: BF125425.D
Acq: 10 Sep 2021 15:45

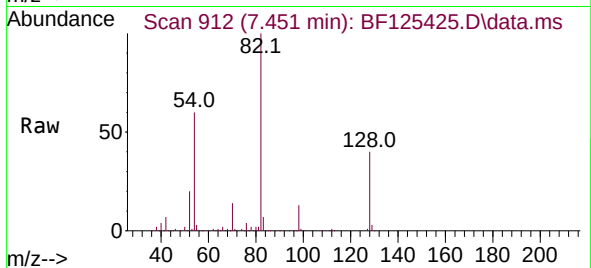
Tgt Ion: 82 Resp: 1036505
Ion Ratio Lower Upper
82 100
128 40.1 40.6 60.8#
54 60.0 49.6 74.4



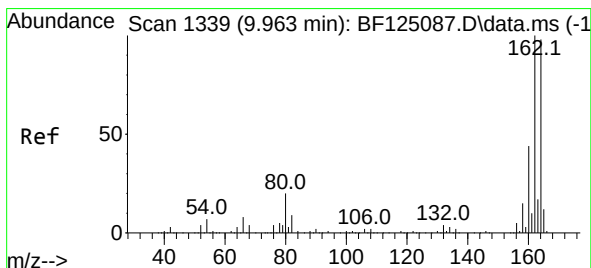
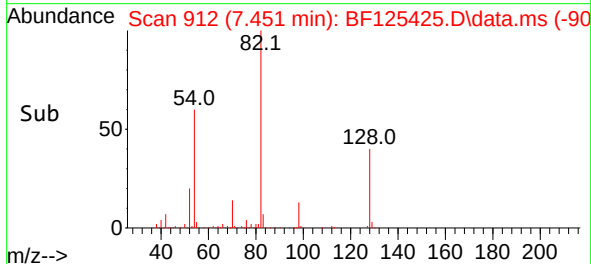
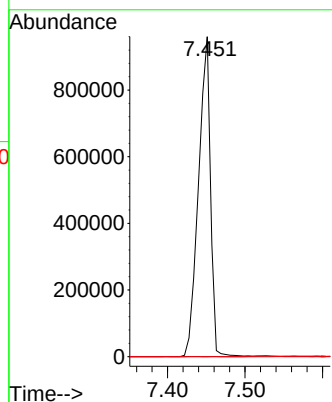


#25
Isophorone
Concen: 39.162 ng
RT: 7.451 min Scan# 912
Delta R.T. -0.259 min
Lab File: BF125425.D
Acq: 10 Sep 2021 15:45

Instrument :
BNA_F
ClientSampleId :
FRAC-TANK-DISCHARGE

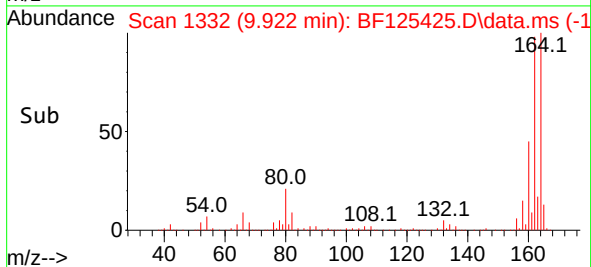
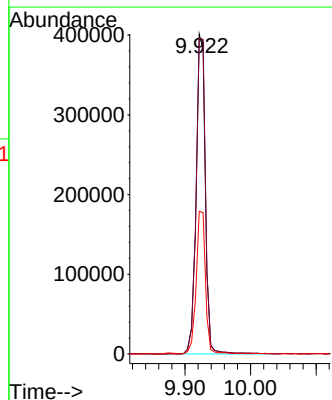
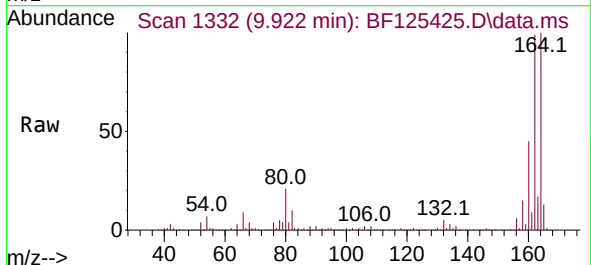


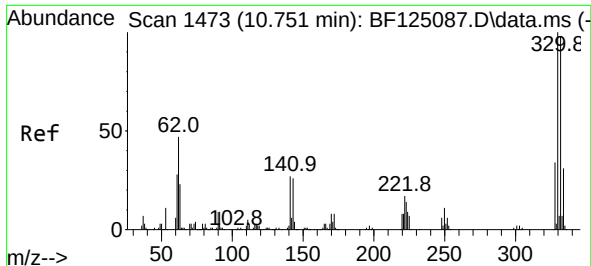
Tgt Ion: 82 Resp: 1036493
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1332
Delta R.T. -0.006 min
Lab File: BF125425.D
Acq: 10 Sep 2021 15:45

Tgt Ion: 164 Resp: 391048
Ion Ratio Lower Upper
164 100
162 98.7 81.3 121.9
160 44.6 38.0 57.0

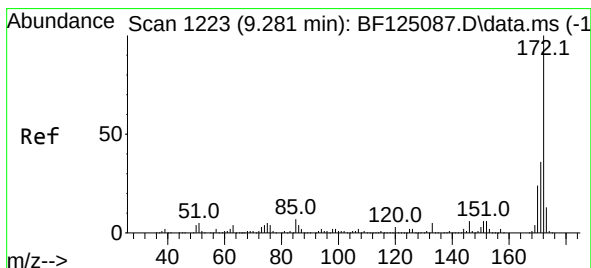
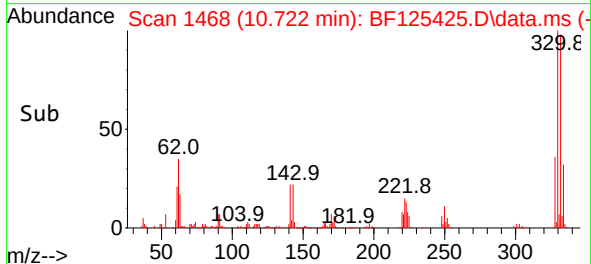
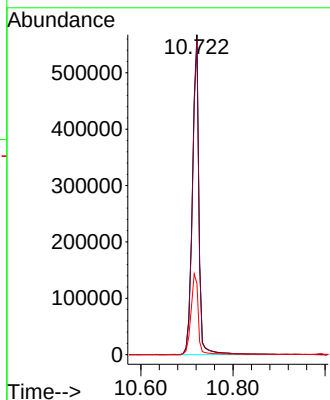
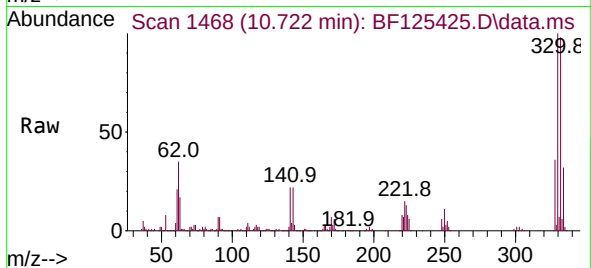




#42
2,4,6-Tribromophenol
Concen: 141.533 ng
RT: 10.722 min Scan# 1468
Delta R.T. 0.000 min
Lab File: BF125425.D
Acq: 10 Sep 2021 15:45

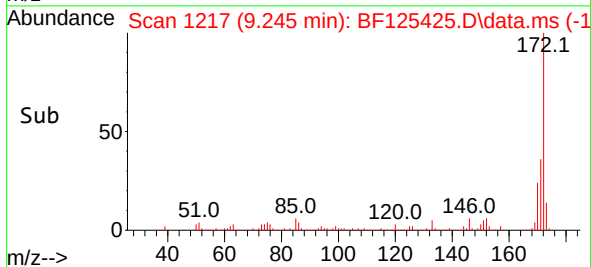
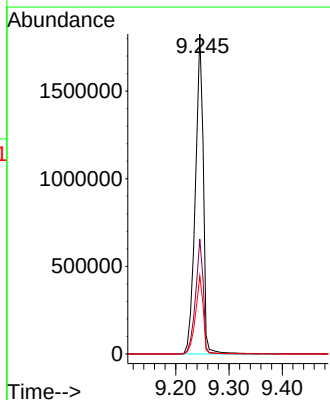
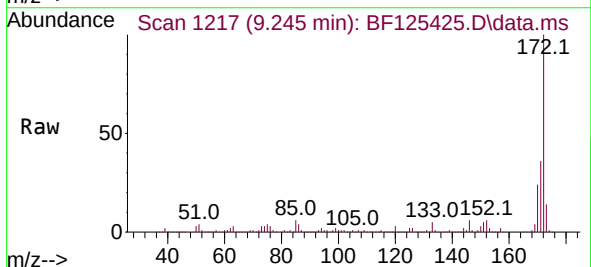
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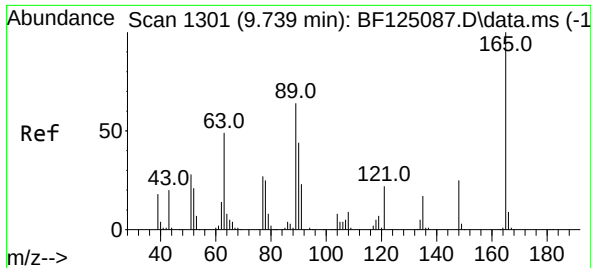
Tgt Ion:330 Resp: 552476
Ion Ratio Lower Upper
330 100
332 97.1 76.2 114.4
141 28.7 44.6 66.8#



#45
2-Fluorobiphenyl
Concen: 67.728 ng
RT: 9.245 min Scan# 1217
Delta R.T. -0.006 min
Lab File: BF125425.D
Acq: 10 Sep 2021 15:45

Tgt Ion:172 Resp: 1900296
Ion Ratio Lower Upper
172 100
171 35.9 26.5 39.7
170 24.4 18.8 28.2

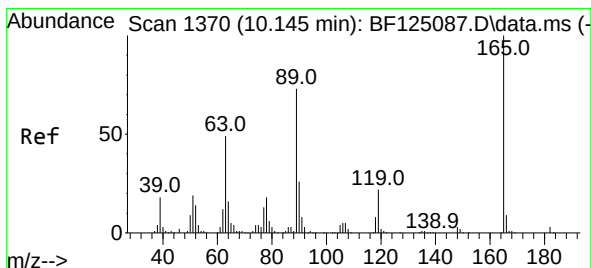
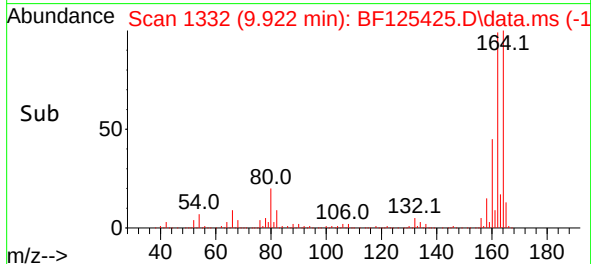
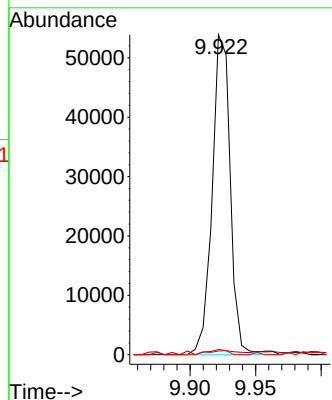
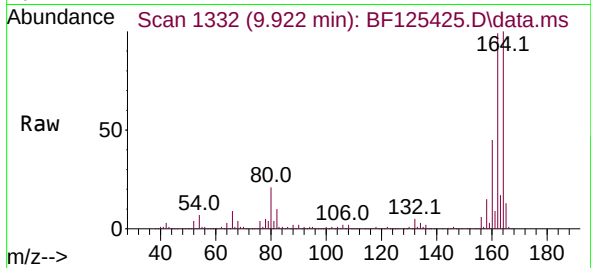




#51
2,6-Dinitrotoluene
Concen: 8.817 ng
RT: 9.922 min Scan# 1332
Delta R.T. 0.206 min
Lab File: BF125425.D
Acq: 10 Sep 2021 15:45

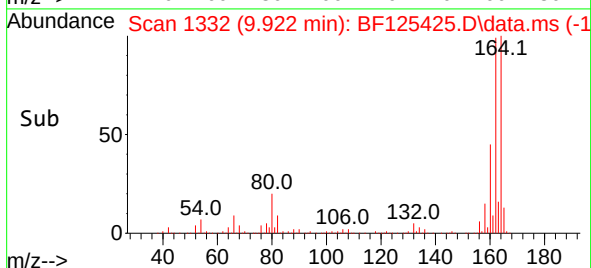
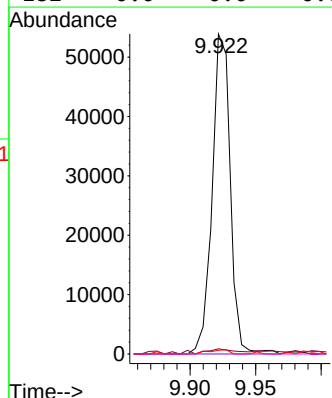
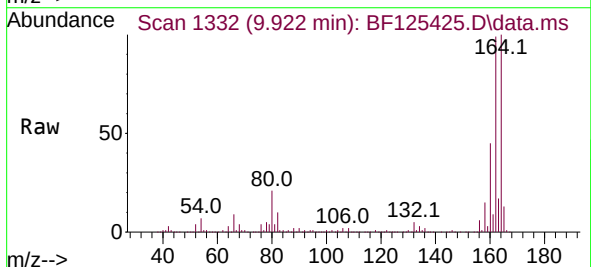
Instrument :
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ClientSampleId :
FRAC-TANK-DISCHARGE

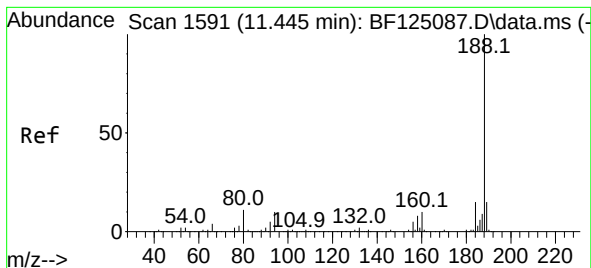
Tgt Ion:165 Resp: 51808
Ion Ratio Lower Upper
165 100
63 1.6 42.6 63.8#
89 1.2 40.6 60.8#



#57
2,4-Dinitrotoluene
Concen: 7.285 ng
RT: 9.922 min Scan# 1332
Delta R.T. -0.200 min
Lab File: BF125425.D
Acq: 10 Sep 2021 15:45

Tgt Ion:165 Resp: 51808
Ion Ratio Lower Upper
165 100
63 1.6 40.9 61.3#
89 1.2 59.7 89.5#
182 0.0 0.0 0.0

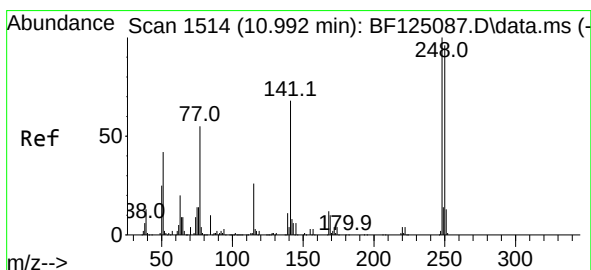
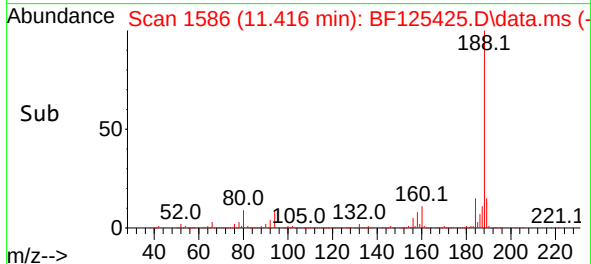
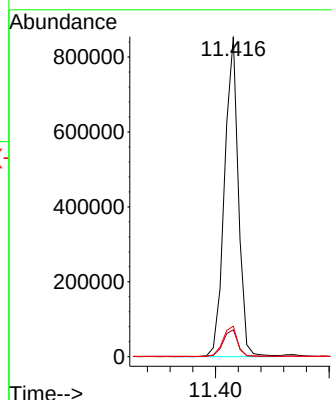
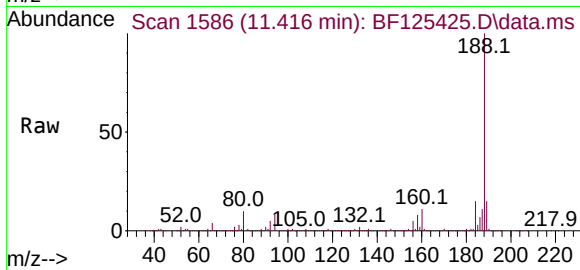




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.416 min Scan# 1586
Delta R.T. 0.000 min
Lab File: BF125425.D
Acq: 10 Sep 2021 15:45

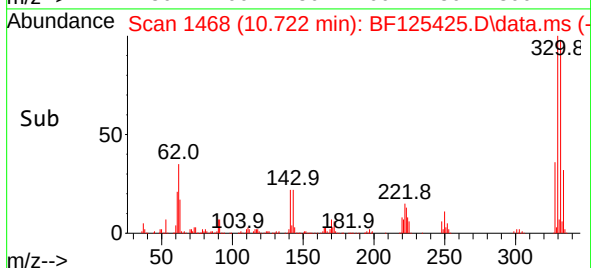
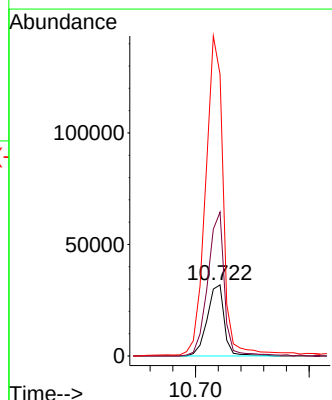
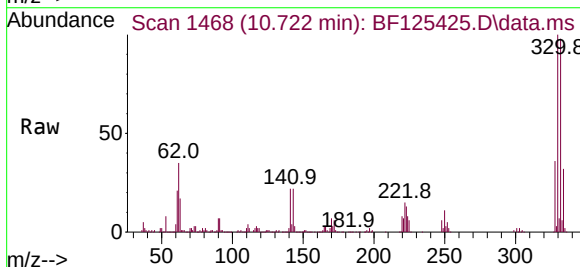
Instrument :
BNA_F
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FRAC-TANK-DISCHARGE

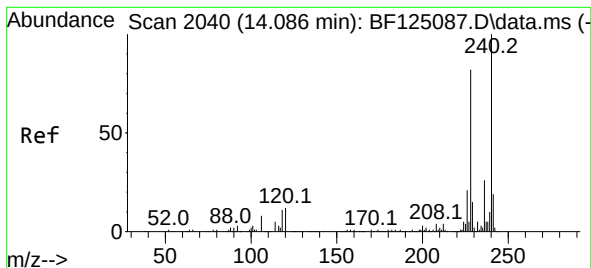
Tgt Ion:188 Resp: 725296
Ion Ratio Lower Upper
188 100
94 8.4 6.7 10.1
80 9.5 7.5 11.3



#67
4-Bromophenyl-phenylether
Concen: 3.812 ng
RT: 10.722 min Scan# 1468
Delta R.T. -0.235 min
Lab File: BF125425.D
Acq: 10 Sep 2021 15:45

Tgt Ion:248 Resp: 33203
Ion Ratio Lower Upper
248 100
250 202.4 74.2 111.4#
141 395.9 60.4 90.6#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.057 min Scan# 2035

Delta R.T. -0.006 min

Lab File: BF125425.D

Acq: 10 Sep 2021 15:45

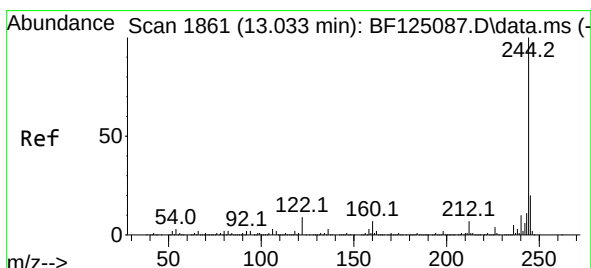
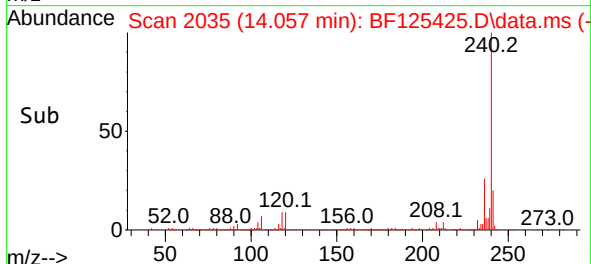
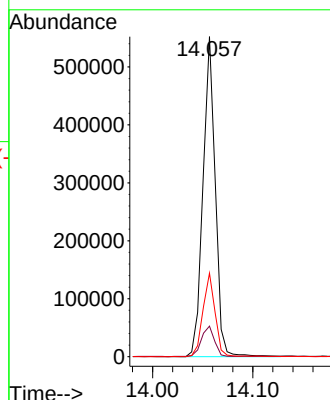
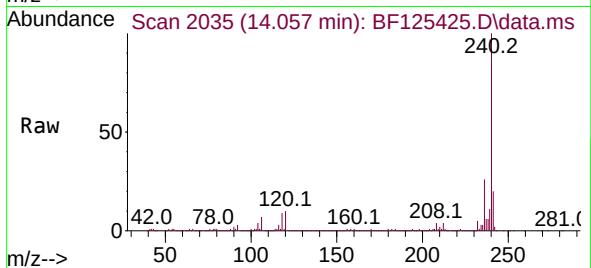
Tgt Ion:240 Resp: 472754

Ion Ratio Lower Upper

240 100

120 9.6 10.8 16.2#

236 26.1 21.6 32.4



#79

Terphenyl-d14

Concen: 71.531 ng

RT: 13.004 min Scan# 1856

Delta R.T. 0.000 min

Lab File: BF125425.D

Acq: 10 Sep 2021 15:45

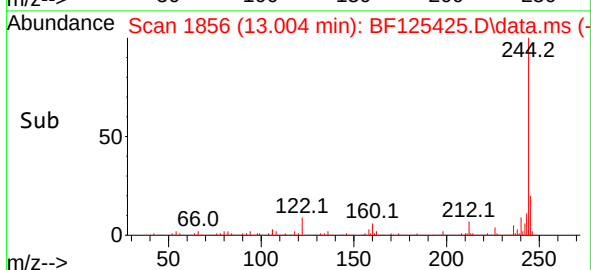
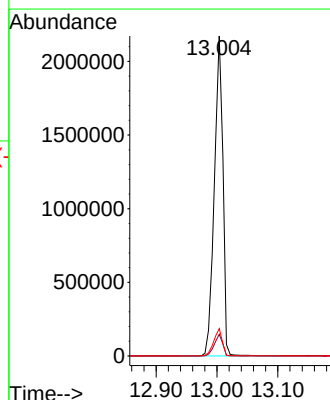
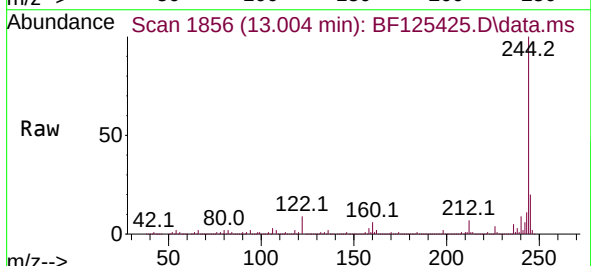
Tgt Ion:244 Resp: 2122710

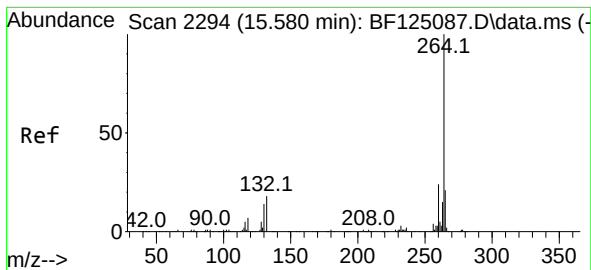
Ion Ratio Lower Upper

244 100

212 6.7 5.9 8.9

122 8.5 9.0 13.4#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.551 min Scan# 2289
 Delta R.T. 0.006 min
 Lab File: BF125425.D
 Acq: 10 Sep 2021 15:45

Instrument :
 BNA_F
 ClientSampleId :
 FRAC-TANK-DISCHARGE

Tgt Ion:264 Resp: 372492
 Ion Ratio Lower Upper
 264 100
 260 24.3 19.6 29.4
 265 22.1 17.2 25.8

