

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082021\
 Data File : BF125144.D
 Acq On : 20 Aug 2021 20:16
 Operator : JU/CG
 Sample : M3485-01 5X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EO-02-081921

Quant Time: Aug 21 02:02:05 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 18 17:03:50 2021
 Response via : Initial Calibration

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

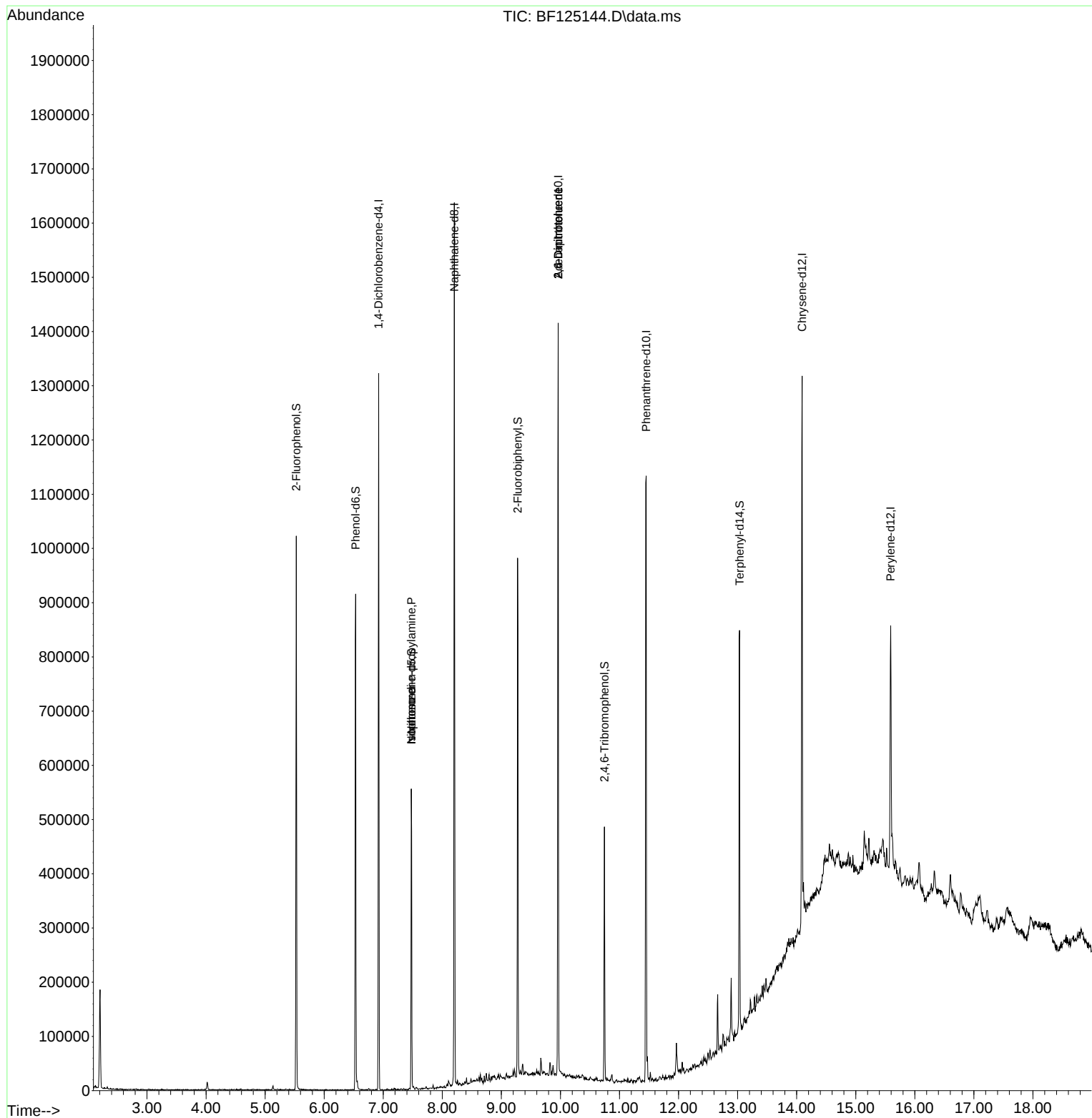
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.922	152	169812	20.000	ng	0.00
21) Naphthalene-d8	8.204	136	603276	20.000	ng	# 0.00
39) Acenaphthene-d10	9.963	164	268450	20.000	ng	0.00
64) Phenanthrene-d10	11.451	188	426530	20.000	ng	0.00
76) Chrysene-d12	14.092	240	342389	20.000	ng	# 0.00
86) Perylene-d12	15.592	264	223077	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	229306	20.439	ng	0.00
7) Phenol-d6	6.534	99	269166	18.551	ng	0.00
23) Nitrobenzene-d5	7.475	82	156272	13.041	ng	-0.01
42) 2,4,6-Tribromophenol	10.745	330	47453	17.708	ng	0.00
45) 2-Fluorobiphenyl	9.274	172	288824	14.995	ng	0.00
79) Terphenyl-d14	13.033	244	264643	12.313	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.475	70	20294	2.325	ng	# 60
25) Isophorone	7.475	82	156268	6.760	ng	# 59
51) 2,6-Dinitrotoluene	9.963	165	34609	8.580	ng	# 28
57) 2,4-Dinitrotoluene	9.963	165	34609	7.089	ng	# 20

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

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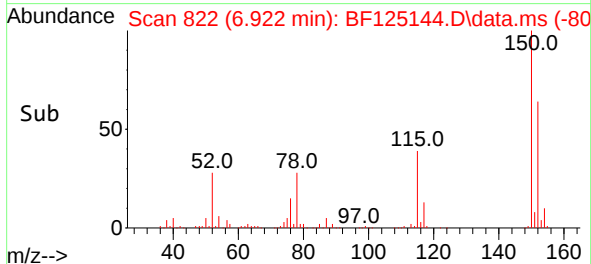
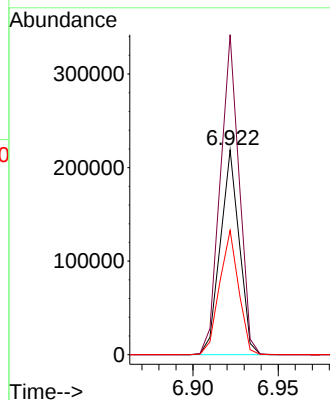
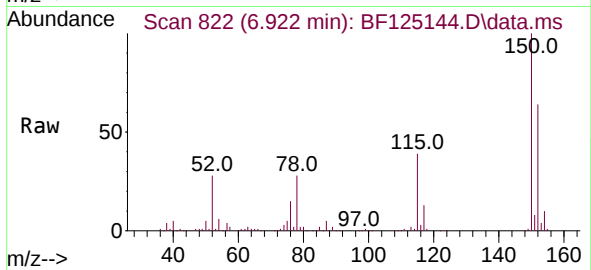




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.922 min Scan# 822
Delta R.T. -0.000 min
Lab File: BF125144.D
Acq: 20 Aug 2021 20:16

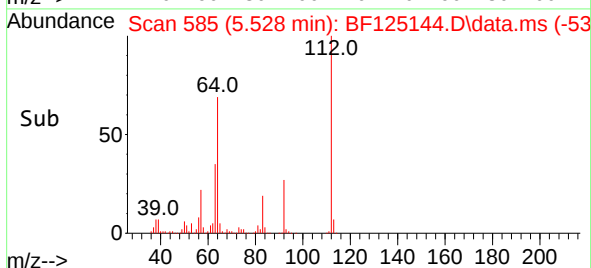
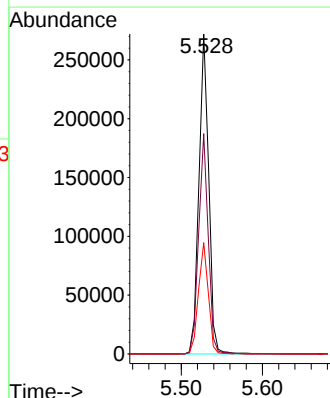
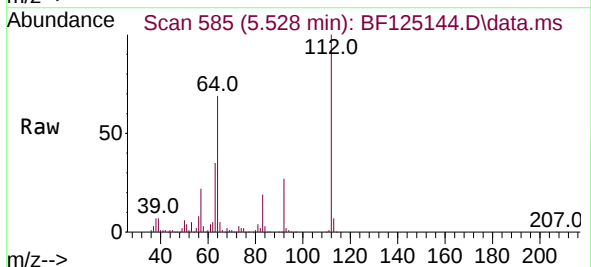
Instrument :
BNA_F
ClientSampleId :
EO-02-081921

Tgt Ion:152 Resp: 169812
Ion Ratio Lower Upper
152 100
150 156.2 117.6 176.4
115 60.7 47.1 70.7



#5
2-Fluorophenol
Concen: 20.439 ng
RT: 5.528 min Scan# 585
Delta R.T. -0.006 min
Lab File: BF125144.D
Acq: 20 Aug 2021 20:16

Tgt Ion:112 Resp: 229306
Ion Ratio Lower Upper
112 100
64 68.8 44.2 66.2#
63 34.8 26.2 39.2

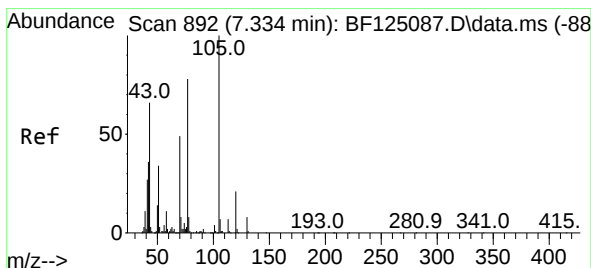
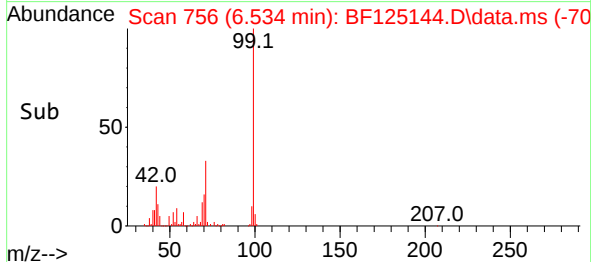
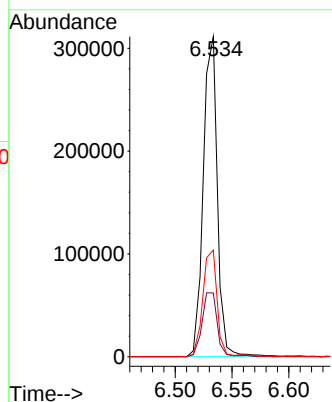
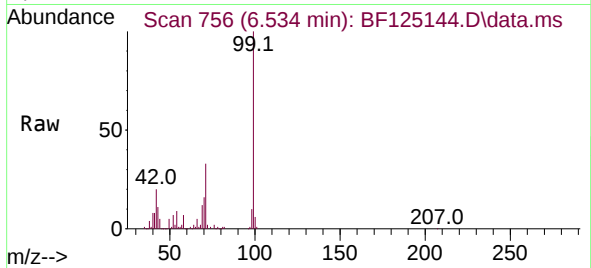




#7
Phenol-d6
Concen: 18.551 ng
RT: 6.534 min Scan# 756
Delta R.T. -0.006 min
Lab File: BF125144.D
Acq: 20 Aug 2021 20:16

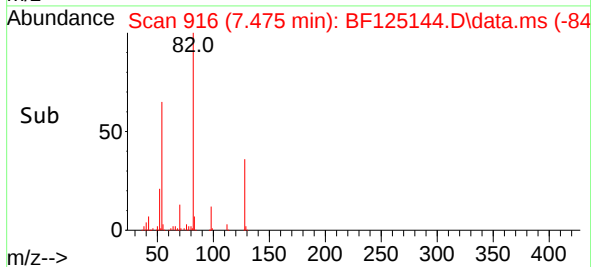
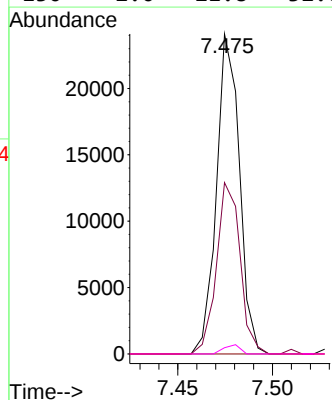
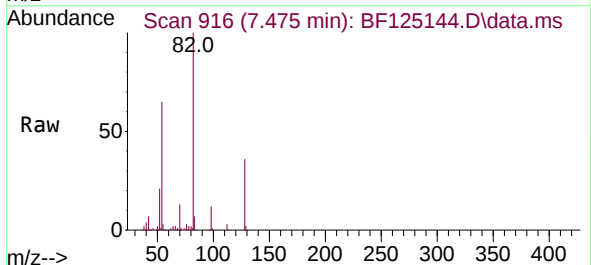
Instrument :
BNA_F
ClientSampleId :
EO-02-081921

Tgt Ion: 99 Resp: 269166
Ion Ratio Lower Upper
99 100
42 19.9 23.5 35.3#
71 33.3 25.6 38.4



#19
n-Nitroso-di-n-propylamine
Concen: 2.325 ng
RT: 7.475 min Scan# 916
Delta R.T. 0.141 min
Lab File: BF125144.D
Acq: 20 Aug 2021 20:16

Tgt Ion: 70 Resp: 20294
Ion Ratio Lower Upper
70 100
42 53.6 72.2 108.2#
101 0.0 7.8 11.8#
130 2.0 21.8 32.6#

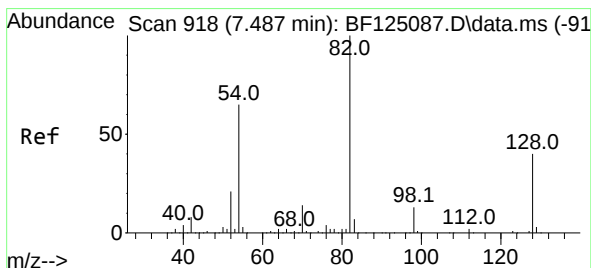
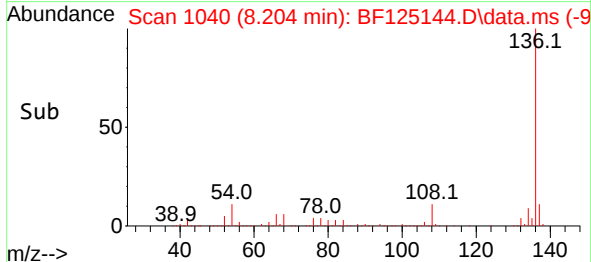
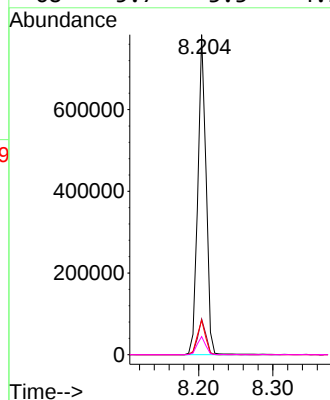
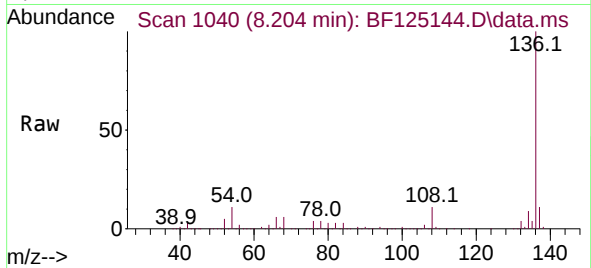




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.204 min Scan# 1040
Delta R.T. -0.000 min
Lab File: BF125144.D
Acq: 20 Aug 2021 20:16

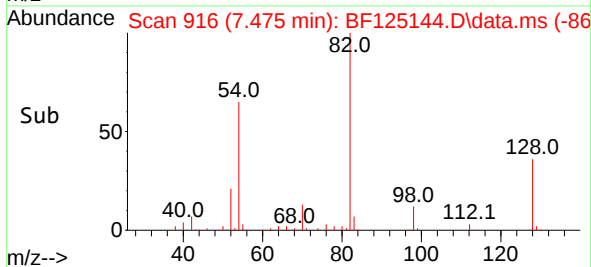
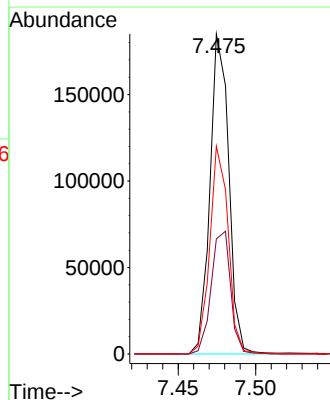
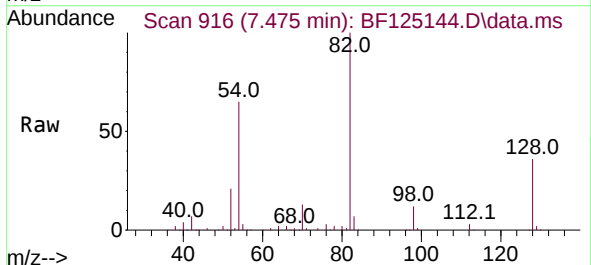
Instrument :
BNA_F
ClientSampleId :
EO-02-081921

Tgt Ion:136	Resp: 603276
Ion Ratio	Lower Upper
136	100
137	11.2 9.8 14.6
54	10.8 6.4 9.6#
68	5.7 3.3 4.9#



#23
Nitrobenzene-d5
Concen: 13.041 ng
RT: 7.475 min Scan# 916
Delta R.T. -0.012 min
Lab File: BF125144.D
Acq: 20 Aug 2021 20:16

Tgt Ion: 82	Resp: 156272
Ion Ratio	Lower Upper
82	100
128	35.9 40.6 60.8#
54	64.9 49.6 74.4

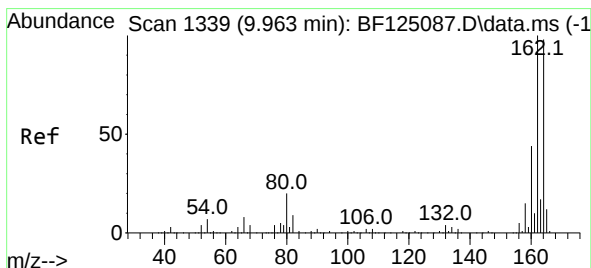
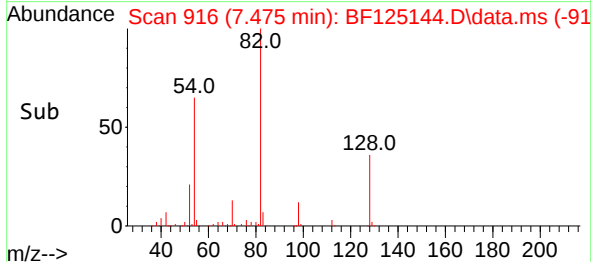
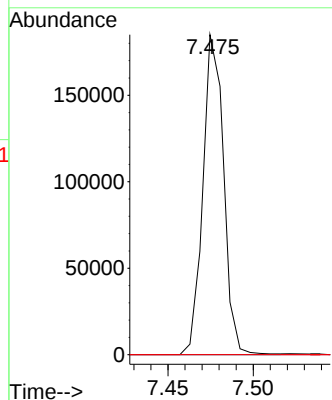
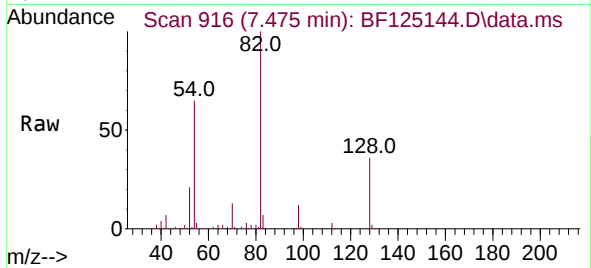




#25
Isophorone
Concen: 6.760 ng
RT: 7.475 min Scan# 916
Delta R.T. -0.271 min
Lab File: BF125144.D
Acq: 20 Aug 2021 20:16

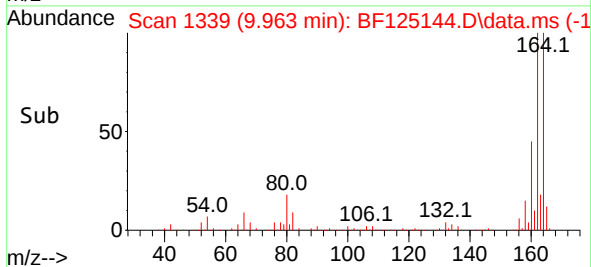
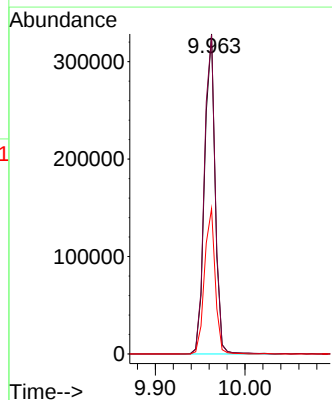
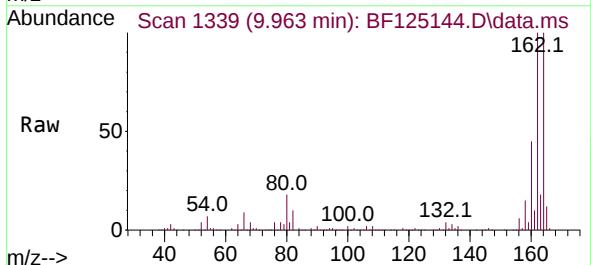
Instrument :
BNA_F
ClientSampleId :
EO-02-081921

Tgt Ion: 82 Resp: 156268
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: 9.963 min Scan# 1339
Delta R.T. -0.000 min
Lab File: BF125144.D
Acq: 20 Aug 2021 20:16

Tgt Ion: 164 Resp: 268450
Ion Ratio Lower Upper
164 100
162 99.8 81.3 121.9
160 45.4 38.0 57.0

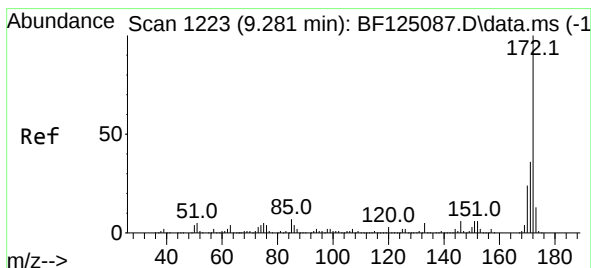
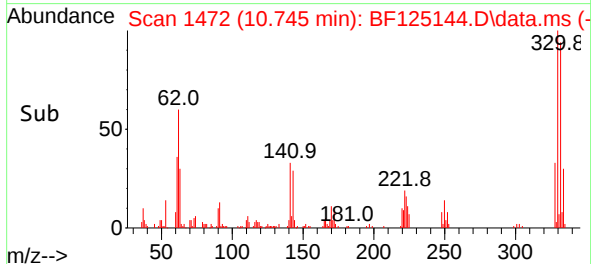
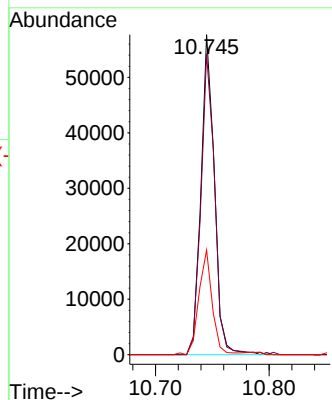
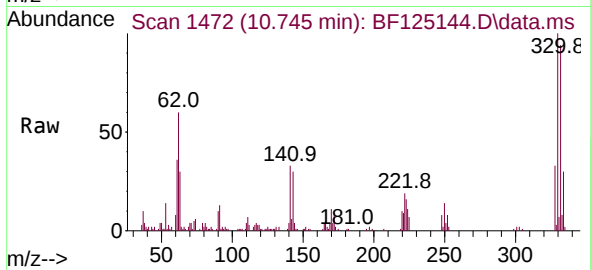




#42
2,4,6-Tribromophenol
Concen: 17.708 ng
RT: 10.745 min Scan# 1472
Delta R.T. -0.006 min
Lab File: BF125144.D
Acq: 20 Aug 2021 20:16

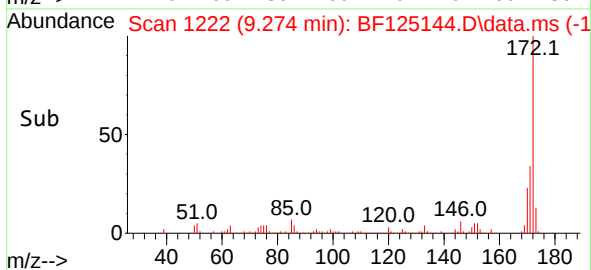
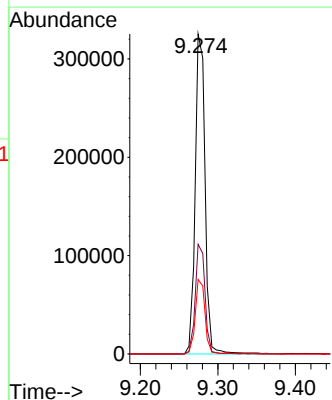
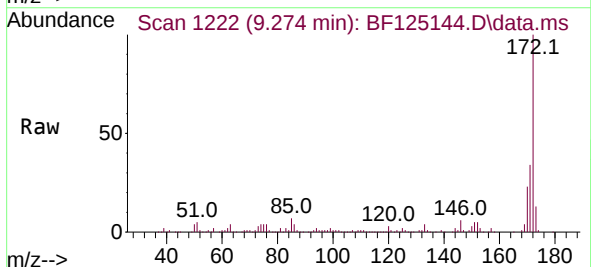
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BNA_F
ClientSampleId :
EO-02-081921

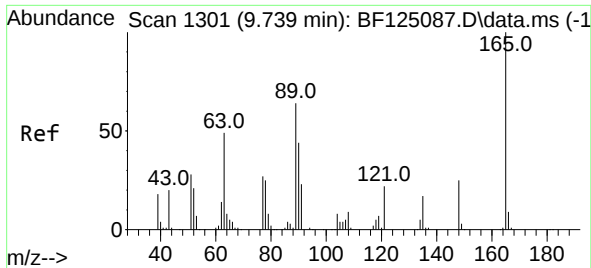
Tgt Ion: 330 Resp: 47453
Ion Ratio Lower Upper
330 100
332 96.7 76.2 114.4
141 32.7 44.6 66.8#



#45
2-Fluorobiphenyl
Concen: 14.995 ng
RT: 9.274 min Scan# 1222
Delta R.T. -0.006 min
Lab File: BF125144.D
Acq: 20 Aug 2021 20:16

Tgt Ion: 172 Resp: 288824
Ion Ratio Lower Upper
172 100
171 34.3 26.5 39.7
170 23.3 18.8 28.2

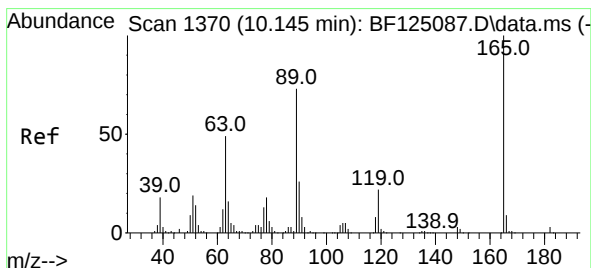
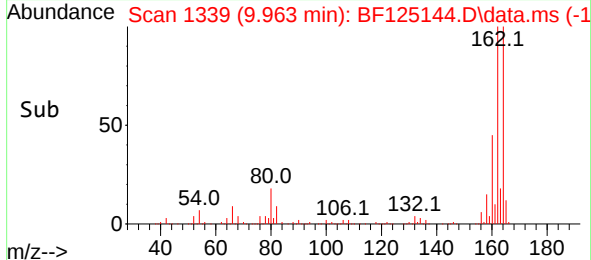
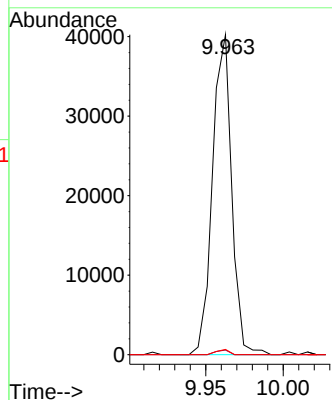
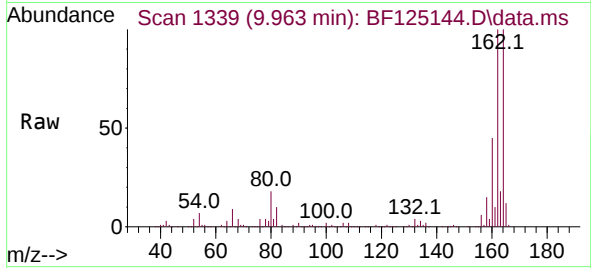




#51
2,6-Dinitrotoluene
Concen: 8.580 ng
RT: 9.963 min Scan# 1339
Delta R.T. 0.223 min
Lab File: BF125144.D
Acq: 20 Aug 2021 20:16

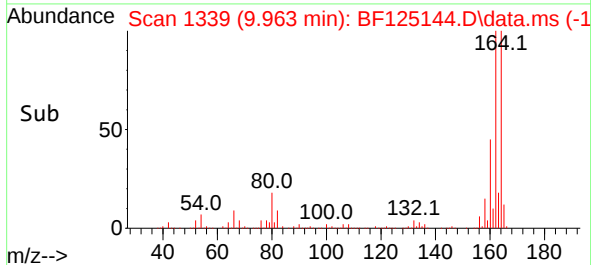
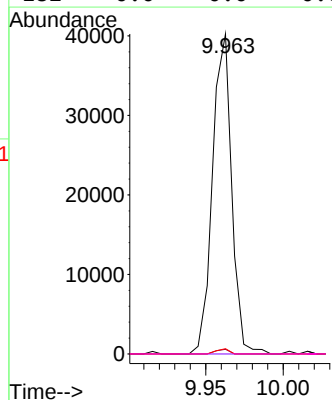
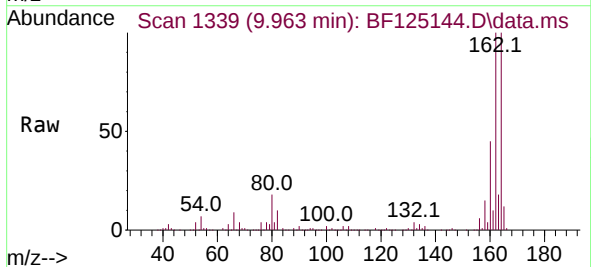
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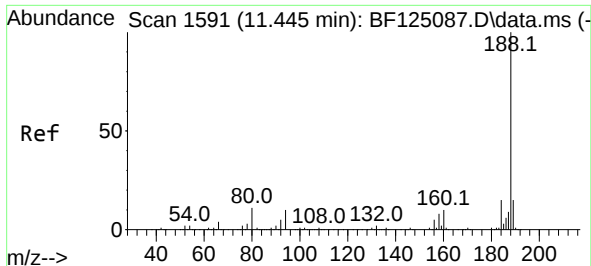
Tgt Ion:165 Resp: 34609
Ion Ratio Lower Upper
165 100
63 1.5 42.6 63.8#
89 1.7 40.6 60.8#



#57
2,4-Dinitrotoluene
Concen: 7.089 ng
RT: 9.963 min Scan# 1339
Delta R.T. -0.182 min
Lab File: BF125144.D
Acq: 20 Aug 2021 20:16

Tgt Ion:165 Resp: 34609
Ion Ratio Lower Upper
165 100
63 1.5 40.9 61.3#
89 1.7 59.7 89.5#
182 0.0 0.0 0.0

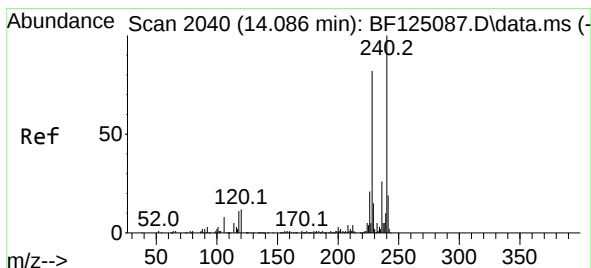
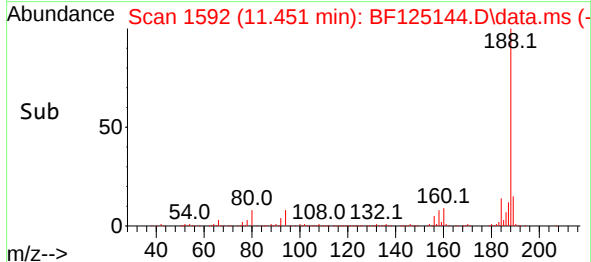
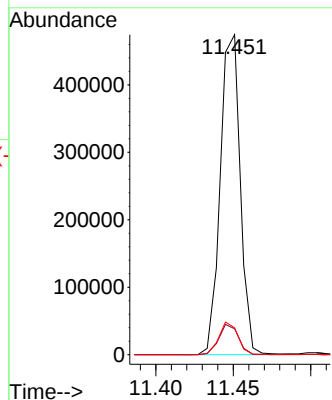
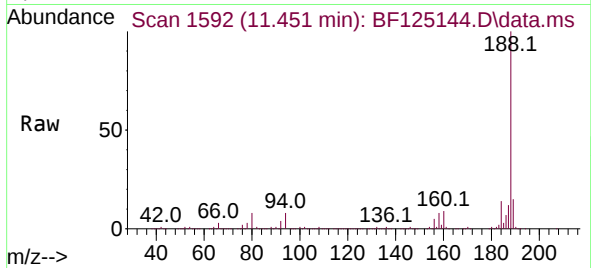




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.451 min Scan# 1592
Delta R.T. 0.006 min
Lab File: BF125144.D
Acq: 20 Aug 2021 20:16

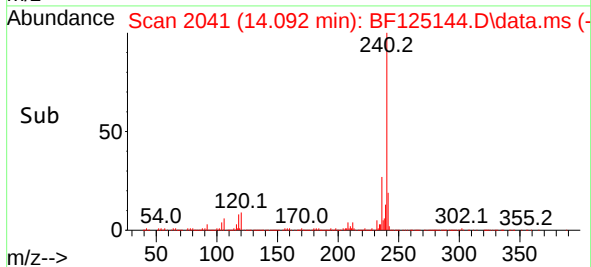
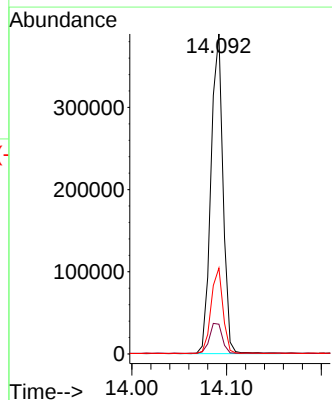
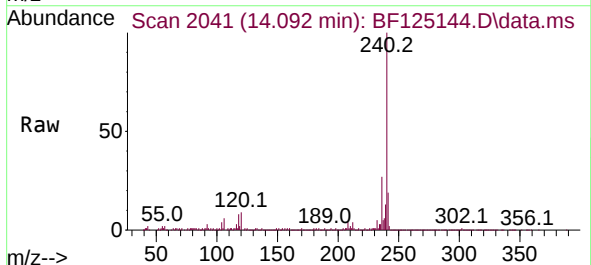
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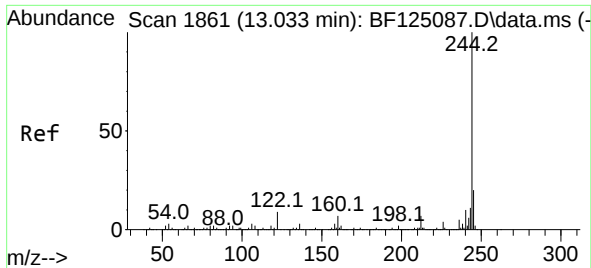
Tgt Ion:188 Resp: 426530
Ion Ratio Lower Upper
188 100
94 8.1 6.7 10.1
80 8.4 7.5 11.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.092 min Scan# 2041
Delta R.T. 0.006 min
Lab File: BF125144.D
Acq: 20 Aug 2021 20:16

Tgt Ion:240 Resp: 342389
Ion Ratio Lower Upper
240 100
120 9.3 10.8 16.2#
236 26.9 21.6 32.4

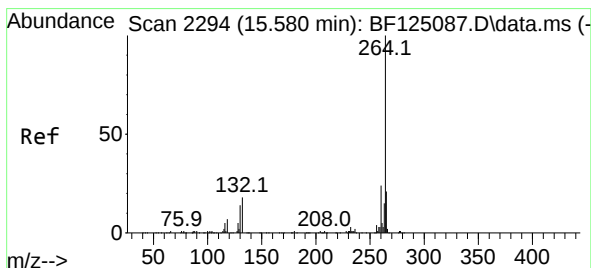
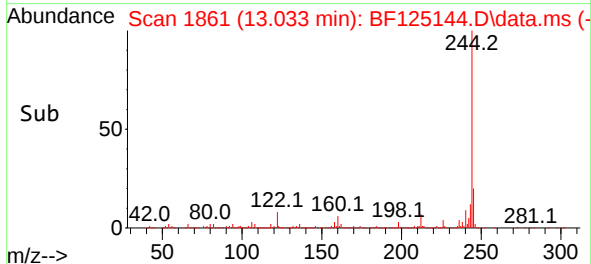
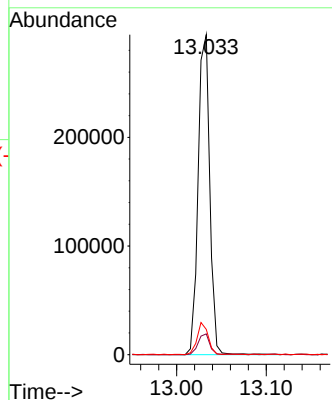
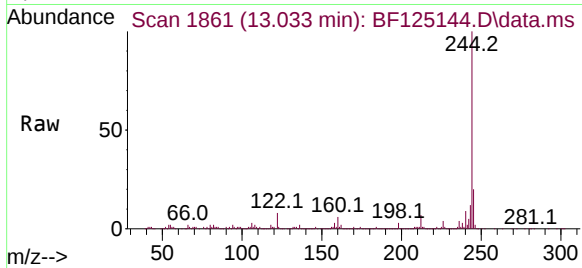




#79
 Terphenyl-d14
 Concen: 12.313 ng
 RT: 13.033 min Scan# 1861
 Delta R.T. -0.000 min
 Lab File: BF125144.D
 Acq: 20 Aug 2021 20:16

Instrument :
 BNA_F
 ClientSampleId :
 EO-02-081921

Tgt Ion:244 Resp: 264643
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.9 8.9
 122 7.9 9.0 13.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.592 min Scan# 2296
 Delta R.T. 0.012 min
 Lab File: BF125144.D
 Acq: 20 Aug 2021 20:16

Tgt Ion:264 Resp: 223077
 Ion Ratio Lower Upper
 264 100
 260 25.4 19.6 29.4
 265 22.1 17.2 25.8

