

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090121\
 Data File : BF125303.D
 Acq On : 1 Sep 2021 13:24
 Operator : JU/CG
 Sample : M3612-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 M-1

Quant Time: Sep 01 14:35:52 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 24 12:39:21 2021
 Response via : Initial Calibration

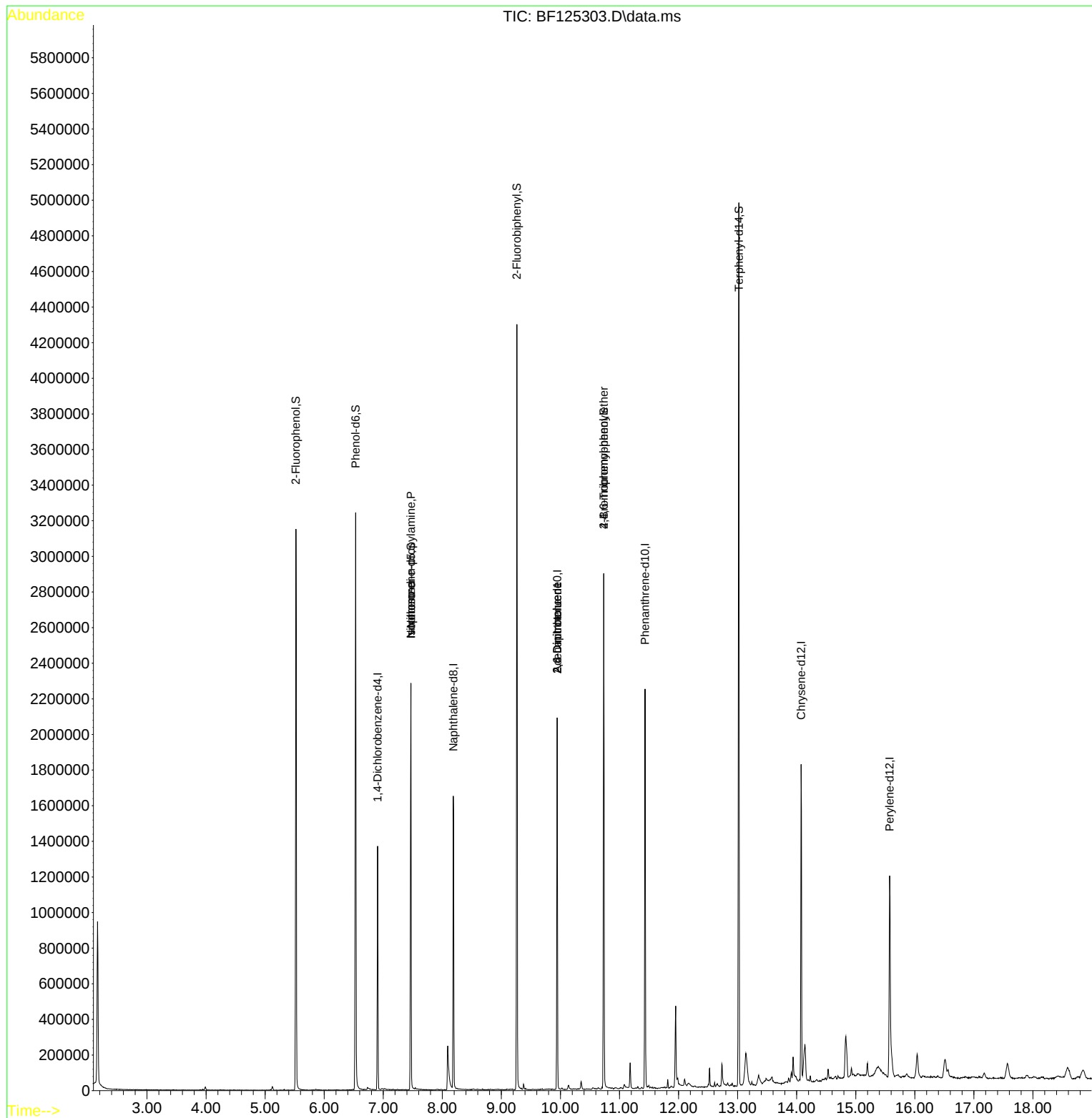
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.904	152	179212	20.000	ng	-0.01
21) Naphthalene-d8	8.187	136	710398	20.000	ng	#-0.01
39) Acenaphthene-d10	9.945	164	400290	20.000	ng	0.00
64) Phenanthrene-d10	11.433	188	785797	20.000	ng	0.00
76) Chrysene-d12	14.074	240	634427	20.000	ng	# 0.00
86) Perylene-d12	15.574	264	508536	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	807046	68.162	ng	0.00
7) Phenol-d6	6.534	99	1027612	67.107	ng	0.00
23) Nitrobenzene-d5	7.469	82	664772	47.111	ng	-0.01
42) 2,4,6-Tribromophenol	10.733	330	350912	87.821	ng	0.00
45) 2-Fluorobiphenyl	9.263	172	1241034	43.210	ng	-0.01
79) Terphenyl-d14	13.022	244	1679217	42.166	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.469	70	89152	9.679	ng	# 58
25) Isophorone	7.469	82	664861	24.424	ng	# 59
51) 2,6-Dinitrotoluene	9.945	165	51084	8.493	ng	# 28
57) 2,4-Dinitrotoluene	9.945	165	51084	7.017	ng	# 19
67) 4-Bromophenyl-phenylether	10.733	248	21579	2.287	ng	# 1

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

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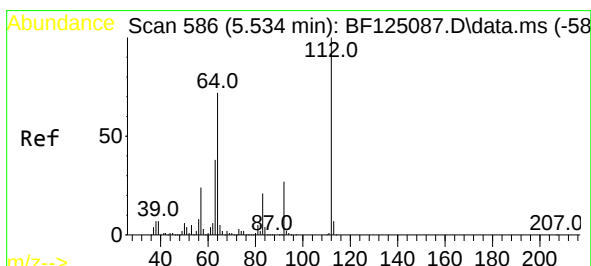
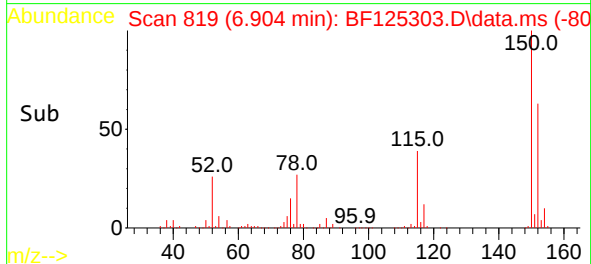
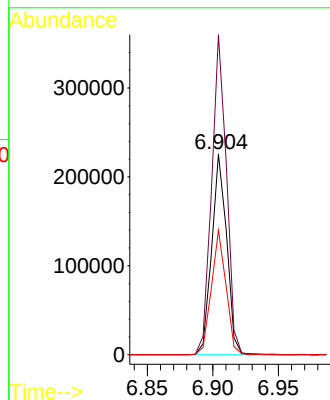
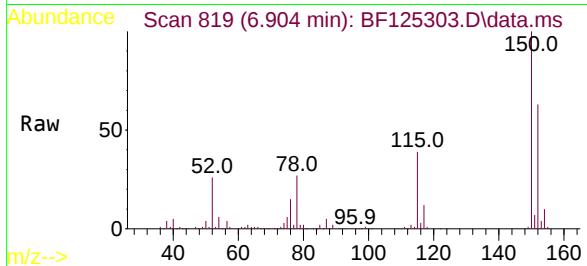




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.904 min Scan# 819
Delta R.T. -0.012 min
Lab File: BF125303.D
Acq: 1 Sep 2021 13:24

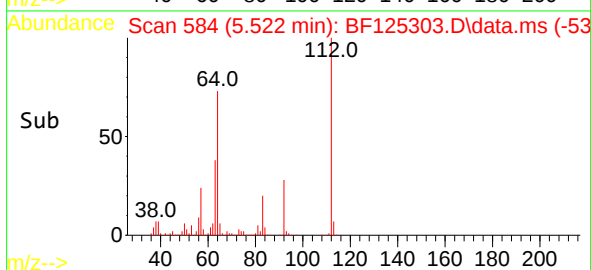
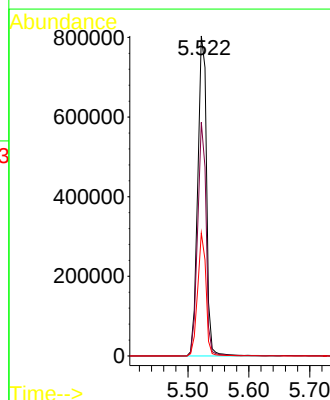
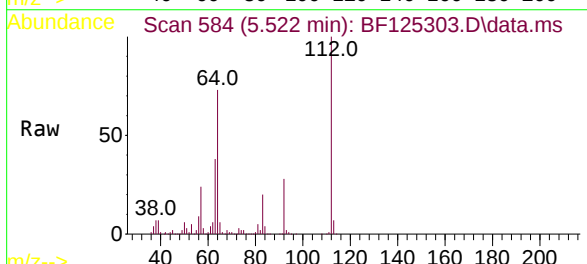
Instrument :
BNA_F
ClientSampleId :
M-1

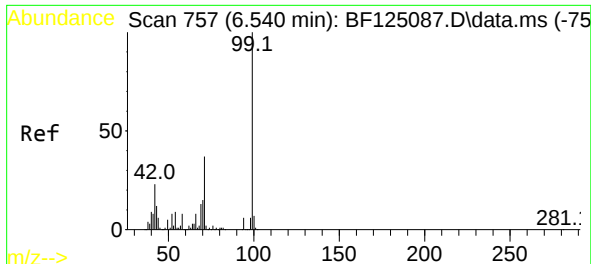
Tgt Ion:152 Resp: 179212
Ion Ratio Lower Upper
152 100
150 159.3 117.6 176.4
115 62.0 47.1 70.7



#5
2-Fluorophenol
Concen: 68.162 ng
RT: 5.522 min Scan# 584
Delta R.T. -0.006 min
Lab File: BF125303.D
Acq: 1 Sep 2021 13:24

Tgt Ion:112 Resp: 807046
Ion Ratio Lower Upper
112 100
64 73.0 44.2 66.2#
63 38.4 26.2 39.2



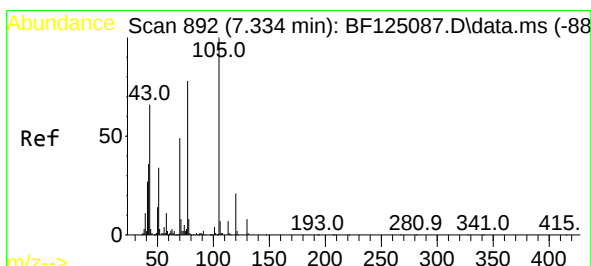
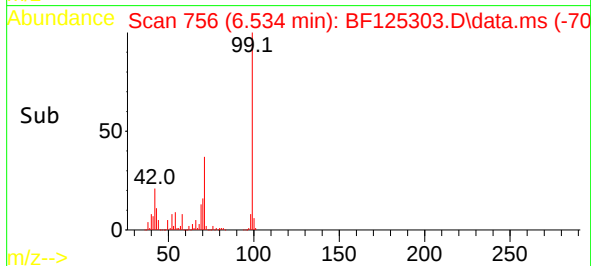
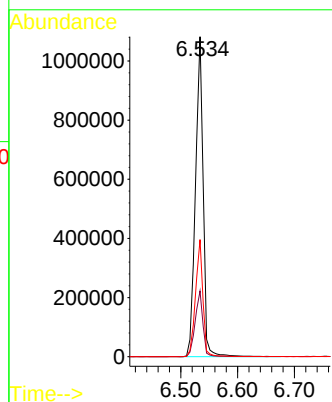
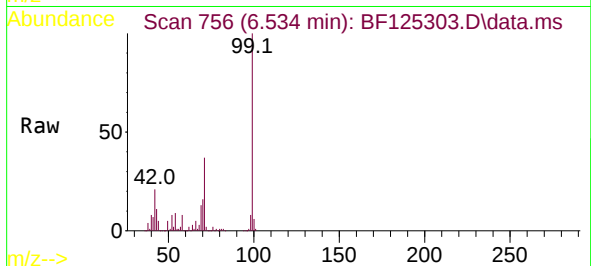


#7
Phenol-d6
Concen: 67.107 ng
RT: 6.534 min Scan# 756
Delta R.T. -0.006 min
Lab File: BF125303.D
Acq: 1 Sep 2021 13:24

Instrument :
BNA_F
ClientSampleId :
M-1

Tgt Ion: 99 Resp: 1027612

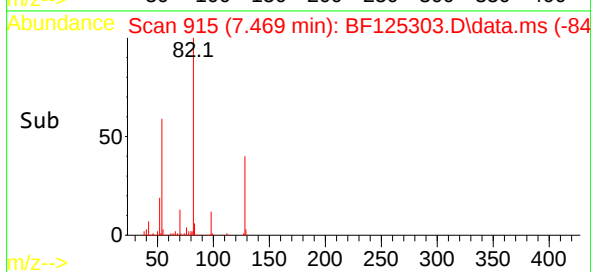
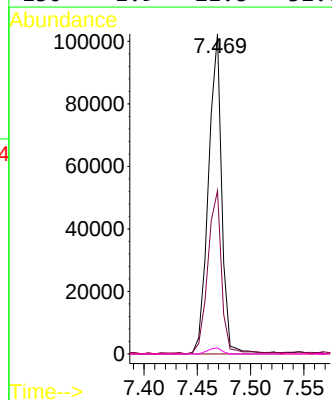
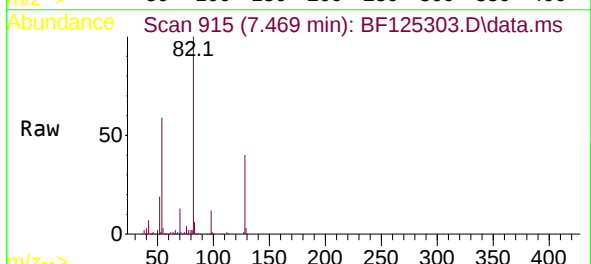
Ion	Ratio	Lower	Upper
99	100		
42	20.6	23.5	35.3#
71	36.6	25.6	38.4



#19
n-Nitroso-di-n-propylamine
Concen: 9.679 ng
RT: 7.469 min Scan# 915
Delta R.T. 0.141 min
Lab File: BF125303.D
Acq: 1 Sep 2021 13:24

Tgt Ion: 70 Resp: 89152

Ion	Ratio	Lower	Upper
70	100		
42	51.0	72.2	108.2#
101	0.0	7.8	11.8#
130	1.9	21.8	32.6#



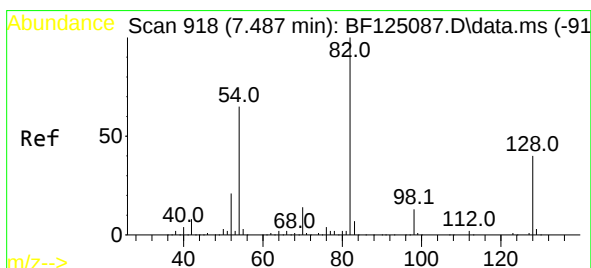
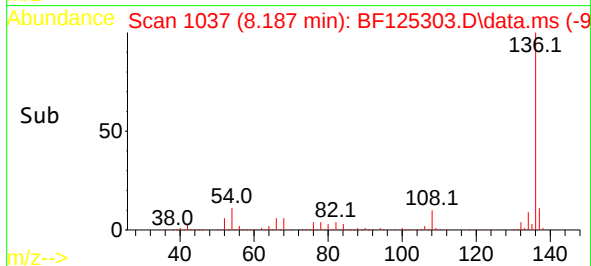
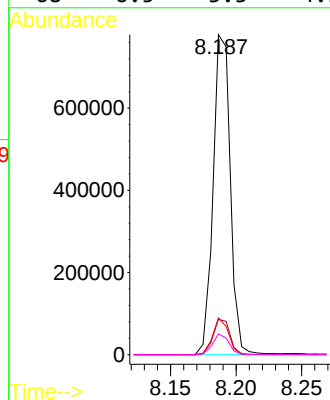
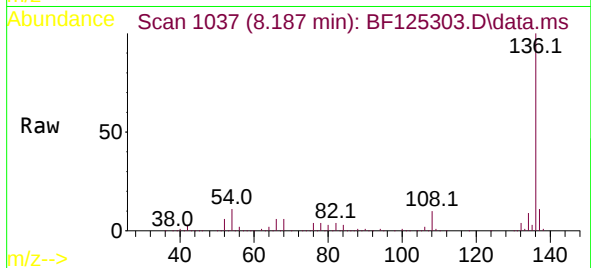


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.187 min Scan# 1037
Delta R.T. -0.012 min
Lab File: BF125303.D
Acq: 1 Sep 2021 13:24

Instrument :
BNA_F
ClientSampled :
M-1

Tgt Ion:136 Resp: 710398

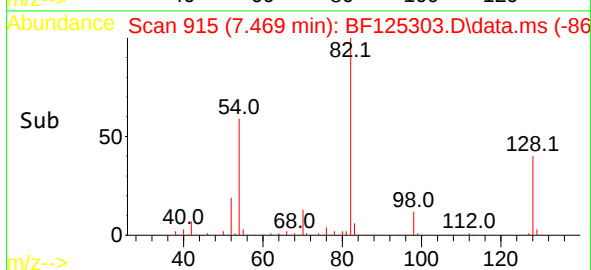
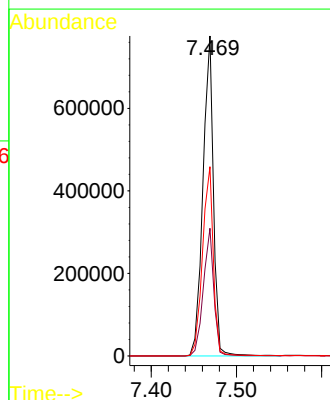
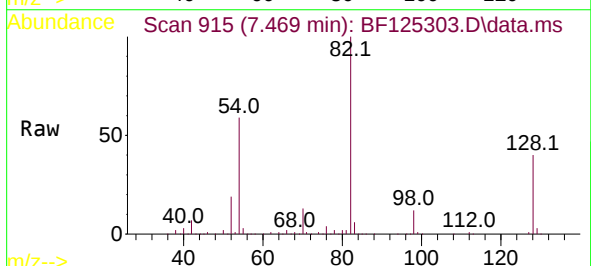
Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.8	14.6
54	11.5	6.4	9.6#
68	6.5	3.3	4.9#



#23
Nitrobenzene-d5
Concen: 47.111 ng
RT: 7.469 min Scan# 915
Delta R.T. -0.012 min
Lab File: BF125303.D
Acq: 1 Sep 2021 13:24

Tgt Ion: 82 Resp: 664772

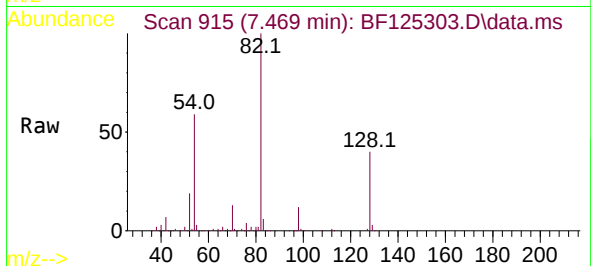
Ion	Ratio	Lower	Upper
82	100		
128	39.9	40.6	60.8#
54	59.2	49.6	74.4



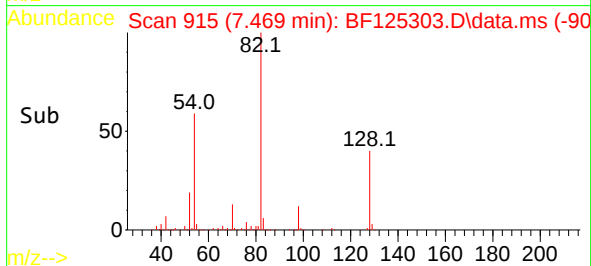
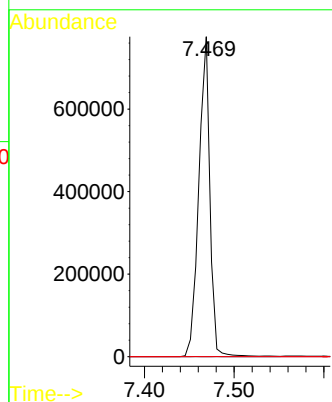


#25
Isophorone
Concen: 24.424 ng
RT: 7.469 min Scan# 915
Delta R.T. -0.265 min
Lab File: BF125303.D
Acq: 1 Sep 2021 13:24

Instrument :
BNA_F
ClientSampleId :
M-1

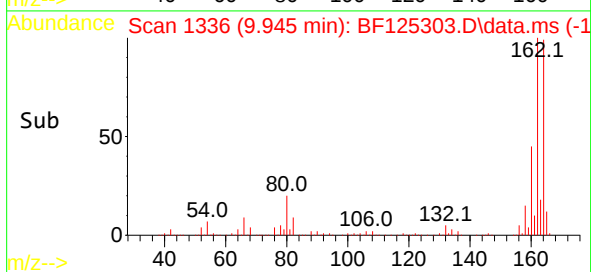
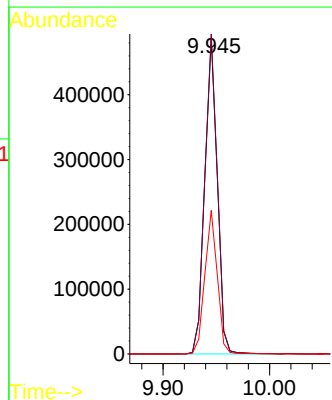
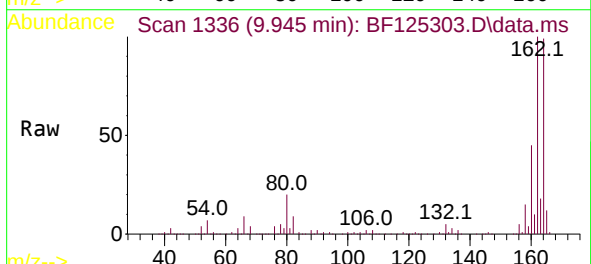


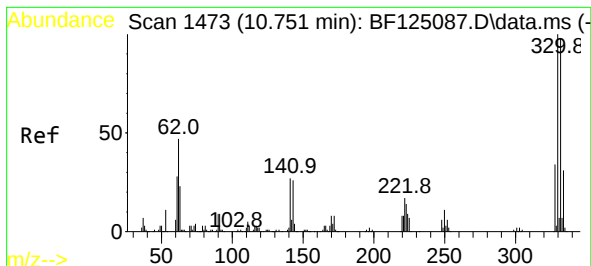
Tgt Ion: 82 Resp: 664861
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.945 min Scan# 1336
Delta R.T. -0.006 min
Lab File: BF125303.D
Acq: 1 Sep 2021 13:24

Tgt Ion: 164 Resp: 400290
Ion Ratio Lower Upper
164 100
162 101.3 81.3 121.9
160 45.5 38.0 57.0

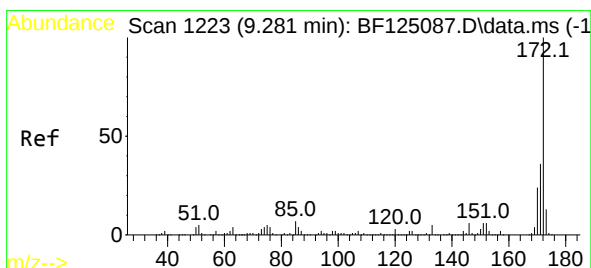
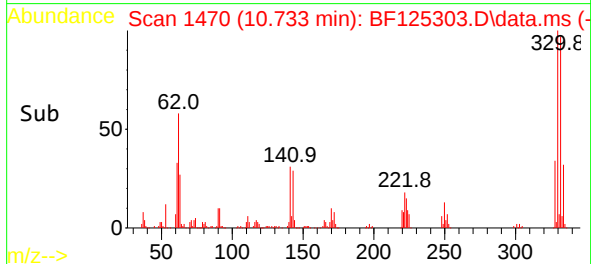
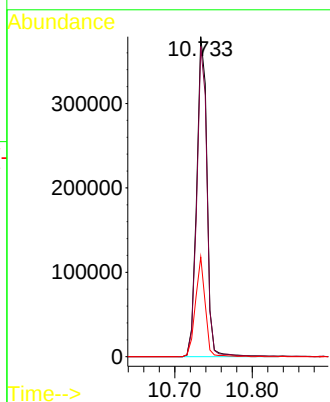
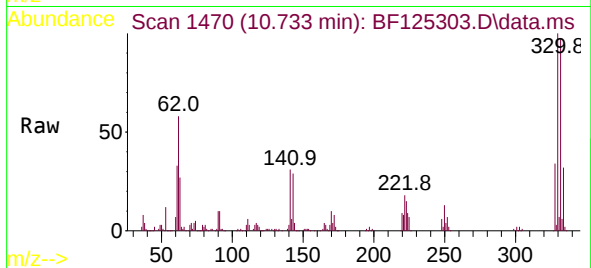




#42
2,4,6-Tribromophenol
Concen: 87.821 ng
RT: 10.733 min Scan# 1470
Delta R.T. -0.006 min
Lab File: BF125303.D
Acq: 1 Sep 2021 13:24

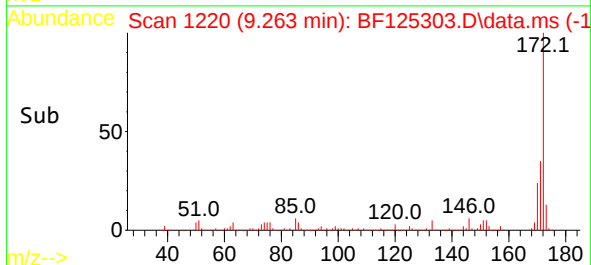
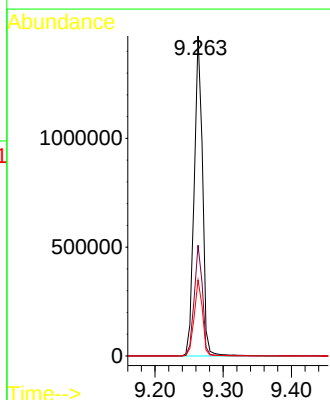
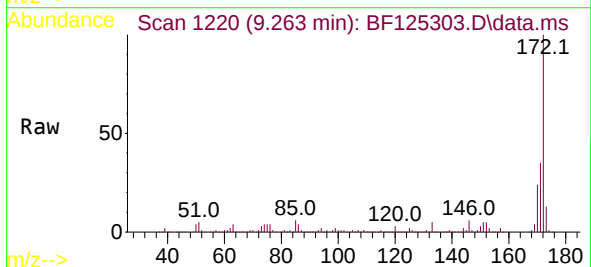
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ClientSampled :
M-1

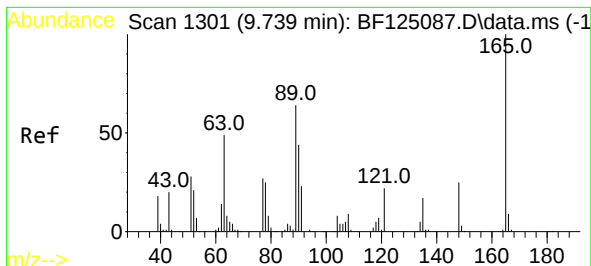
Tgt Ion:330 Resp: 350912
Ion Ratio Lower Upper
330 100
332 96.1 76.2 114.4
141 29.3 44.6 66.8#



#45
2-Fluorobiphenyl
Concen: 43.210 ng
RT: 9.263 min Scan# 1220
Delta R.T. -0.012 min
Lab File: BF125303.D
Acq: 1 Sep 2021 13:24

Tgt Ion:172 Resp: 1241034
Ion Ratio Lower Upper
172 100
171 34.6 26.5 39.7
170 23.8 18.8 28.2

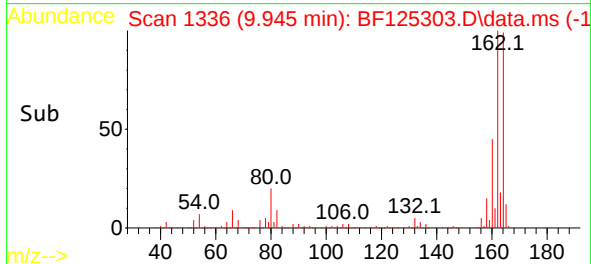
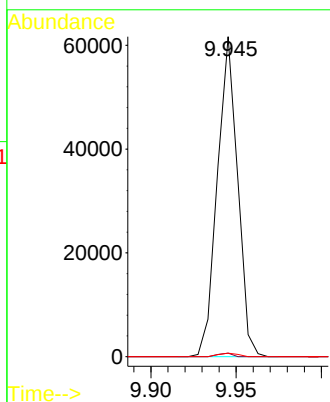
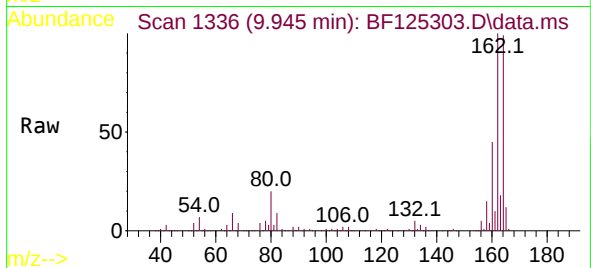




#51
2,6-Dinitrotoluene
Concen: 8.493 ng
RT: 9.945 min Scan# 1336
Delta R.T. 0.212 min
Lab File: BF125303.D
Acq: 1 Sep 2021 13:24

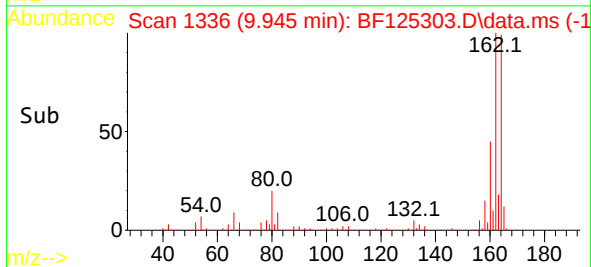
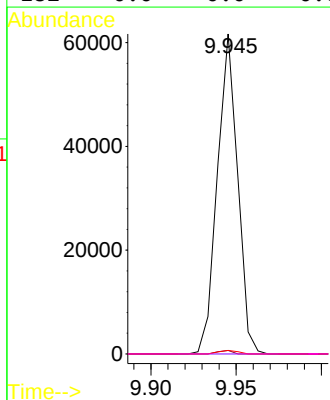
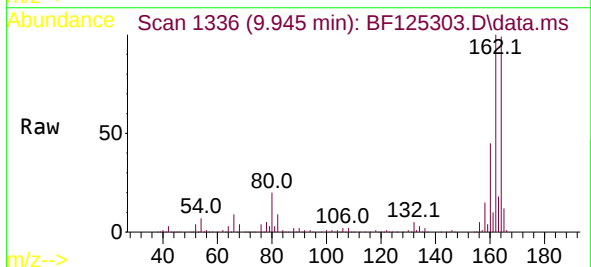
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ClientSampled :
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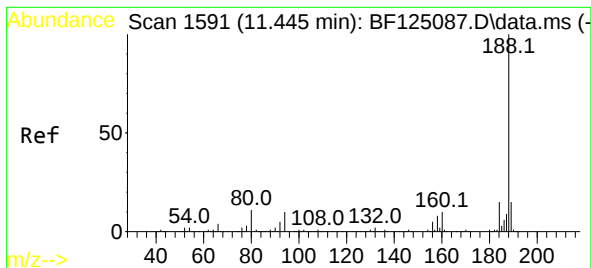
Tgt Ion:165 Resp: 51084
Ion Ratio Lower Upper
165 100
63 1.1 42.6 63.8#
89 1.1 40.6 60.8#



#57
2,4-Dinitrotoluene
Concen: 7.017 ng
RT: 9.945 min Scan# 1336
Delta R.T. -0.188 min
Lab File: BF125303.D
Acq: 1 Sep 2021 13:24

Tgt Ion:165 Resp: 51084
Ion Ratio Lower Upper
165 100
63 1.1 40.9 61.3#
89 1.1 59.7 89.5#
182 0.0 0.0 0.0

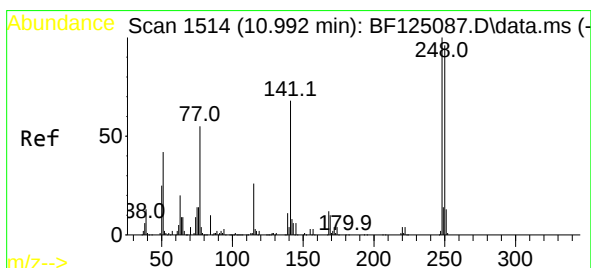
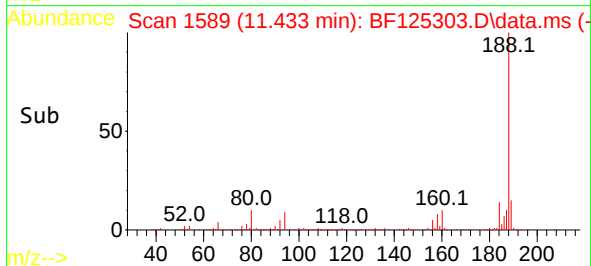
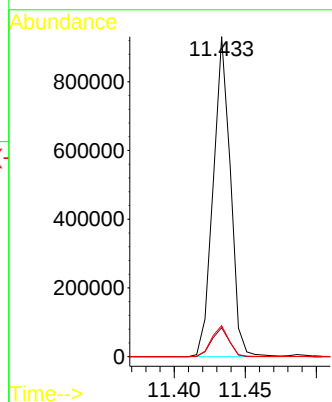
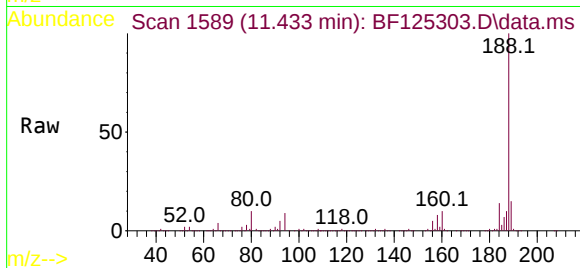




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.433 min Scan# 1589
Delta R.T. -0.006 min
Lab File: BF125303.D
Acq: 1 Sep 2021 13:24

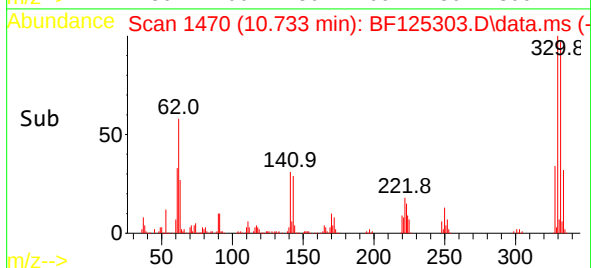
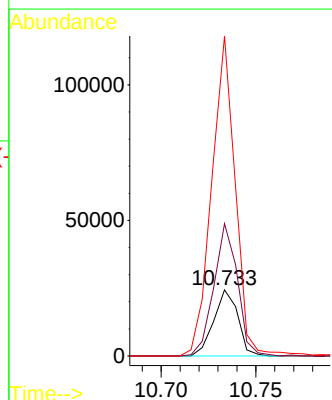
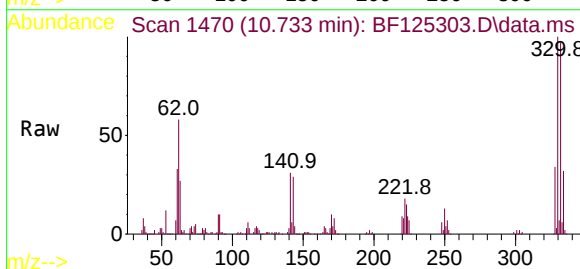
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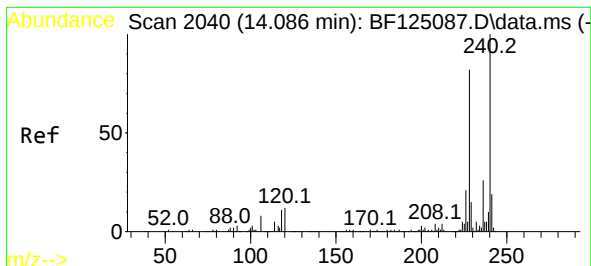
Tgt Ion:188 Resp: 785797
Ion Ratio Lower Upper
188 100
94 9.1 6.7 10.1
80 9.7 7.5 11.3



#67
4-Bromophenyl-phenylether
Concen: 2.287 ng
RT: 10.733 min Scan# 1470
Delta R.T. -0.247 min
Lab File: BF125303.D
Acq: 1 Sep 2021 13:24

Tgt Ion:248 Resp: 21579
Ion Ratio Lower Upper
248 100
250 200.6 74.2 111.4#
141 484.8 60.4 90.6#

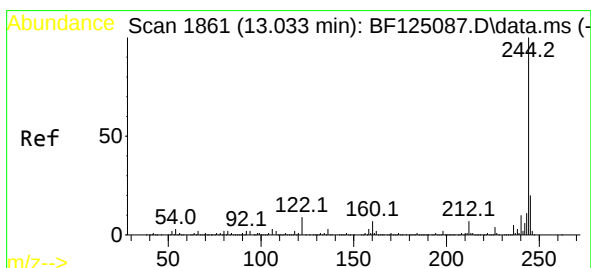
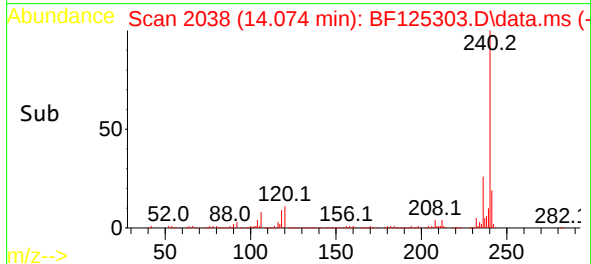
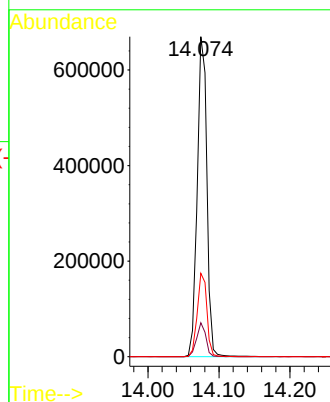
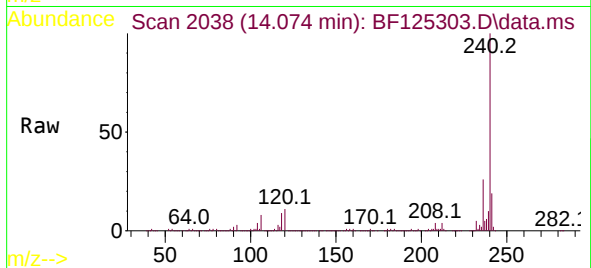




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.074 min Scan# 2038
Delta R.T. -0.006 min
Lab File: BF125303.D
Acq: 1 Sep 2021 13:24

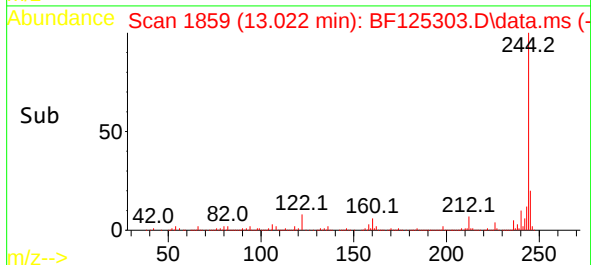
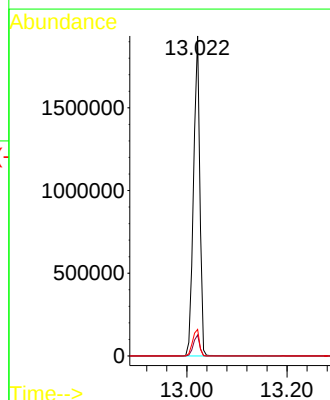
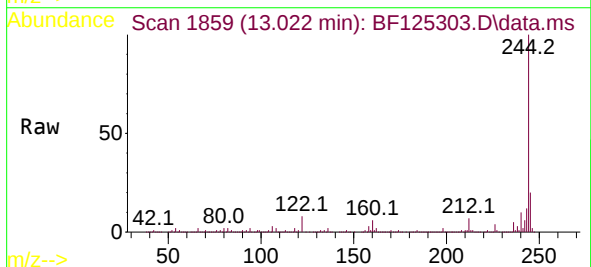
Instrument :
BNA_F
ClientSampled :
M-1

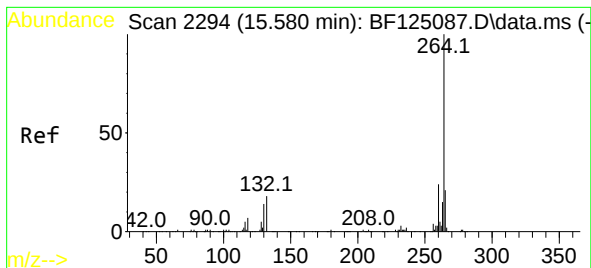
Tgt Ion:240 Resp: 634427
Ion Ratio Lower Upper
240 100
120 10.6 10.8 16.2#
236 26.1 21.6 32.4



#79
Terphenyl-d14
Concen: 42.166 ng
RT: 13.022 min Scan# 1859
Delta R.T. 0.000 min
Lab File: BF125303.D
Acq: 1 Sep 2021 13:24

Tgt Ion:244 Resp: 1679217
Ion Ratio Lower Upper
244 100
212 6.6 5.9 8.9
122 8.3 9.0 13.4#





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.574 min Scan# 2293

Delta R.T. 0.000 min

Lab File: BF125303.D

Acq: 1 Sep 2021 13:24

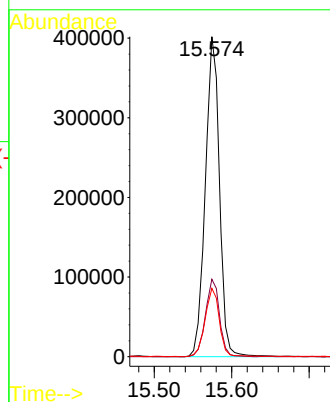
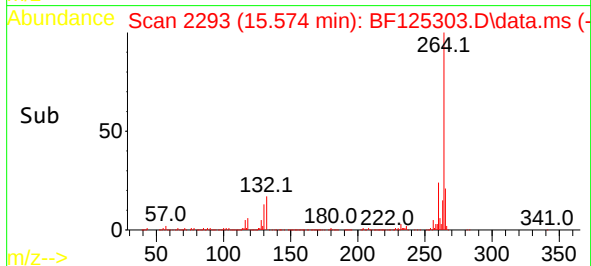
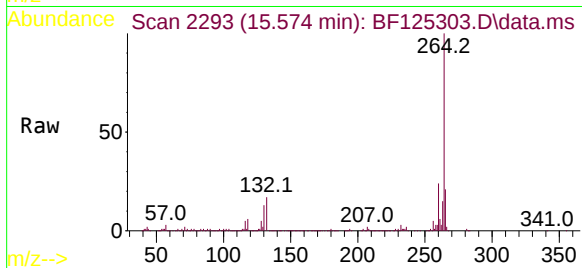
Tgt Ion:264 Resp: 508536

Ion Ratio Lower Upper

264 100

260 24.2 19.6 29.4

265 21.4 17.2 25.8



Instrument :

BNA_F

ClientSampleId :

M-1