

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010522\
 Data File : BF126505.D
 Acq On : 5 Jan 2022 19:44
 Operator : JU/CG
 Sample : N1010-05
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 20211311-CAPE-5-SITE-WATER

Quant Time: Jan 06 01:11:15 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122921.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 05 01:57:07 2022
 Response via : Initial Calibration

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

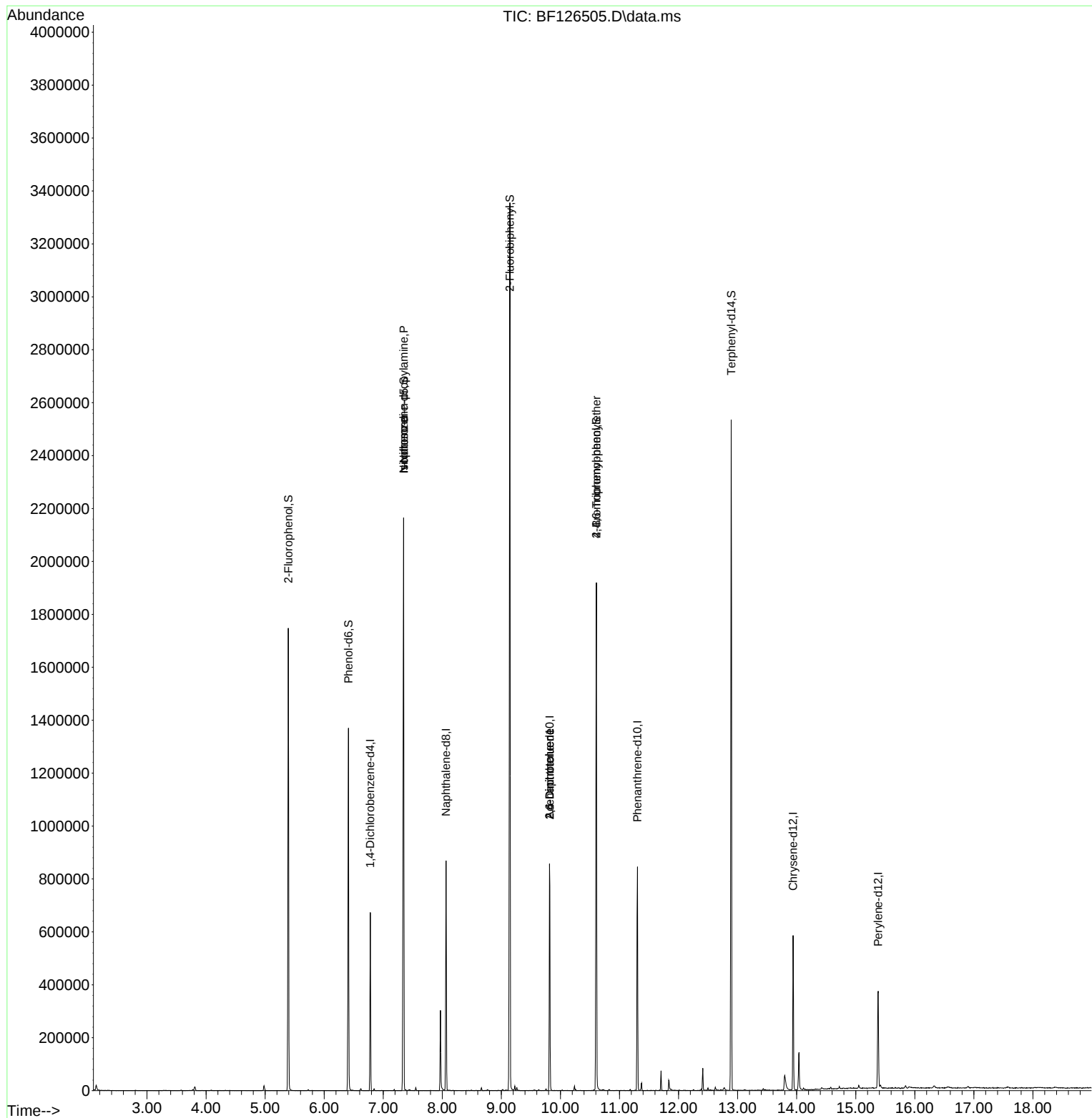
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	88767	20.000	ng	0.00
21) Naphthalene-d8	8.063	136	375544	20.000	ng	0.00
39) Acenaphthene-d10	9.816	164	177556	20.000	ng	-0.01
64) Phenanthrene-d10	11.304	188	284170	20.000	ng	0.00
76) Chrysene-d12	13.939	240	185237	20.000	ng	-0.01
86) Perylene-d12	15.380	264	154423	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.393	112	494934	80.070	ng	0.00
7) Phenol-d6	6.410	99	436654	54.540	ng	-0.01
23) Nitrobenzene-d5	7.345	82	744646	101.812	ng	0.00
42) 2,4,6-Tribromophenol	10.610	330	230950	168.324	ng	0.00
45) 2-Fluorobiphenyl	9.145	172	1054769	104.536	ng	0.00
79) Terphenyl-d14	12.892	244	846792	88.819	ng	0.00
Target Compounds						
					Qvalue	
19) n-Nitroso-di-n-propyla...	7.345	70	93340	20.431	ng	# 79
25) Isophorone	7.345	82	744485	56.861	ng	# 69
51) 2,6-Dinitrotoluene	9.816	165	22336	9.331	ng	# 21
57) 2,4-Dinitrotoluene	9.816	165	22336	7.232	ng	# 15
67) 4-Bromophenyl-phenylether	10.610	248	11899	4.718	ng	# 1
77) Benzidine	12.892	184	10138	Below Cal		97

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

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Quant Time: Jan 06 01:11:15 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 05 01:57:07 2022
Response via : Initial Calibration

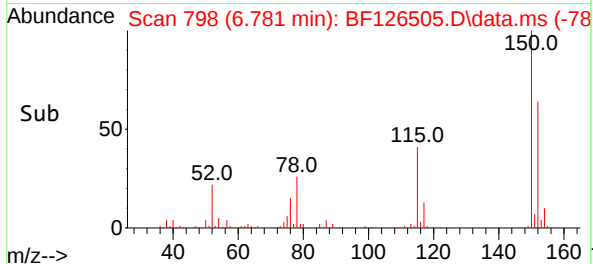
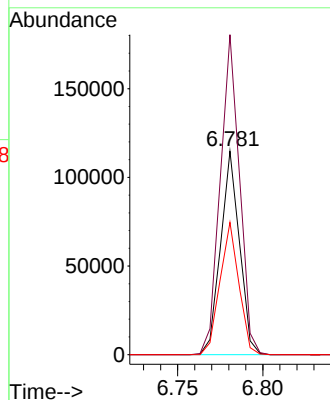
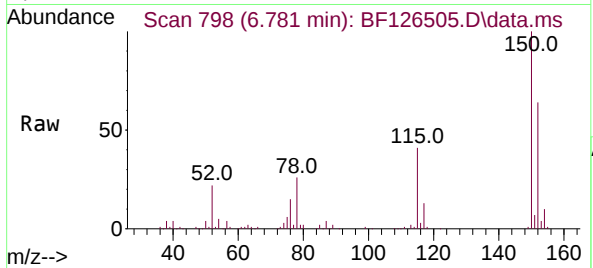




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.781 min Scan# 79
Delta R.T. -0.005 min
Lab File: BF126505.D
Acq: 5 Jan 2022 19:44

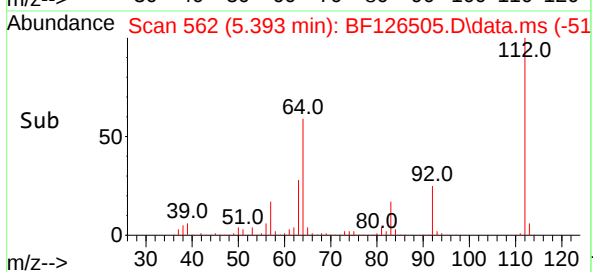
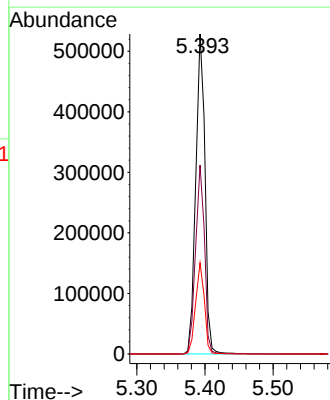
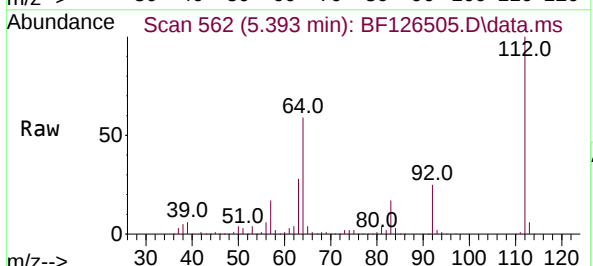
Instrument :
BNA_F
ClientSampleId :
20211311-CAPE-5-SITE-WATER

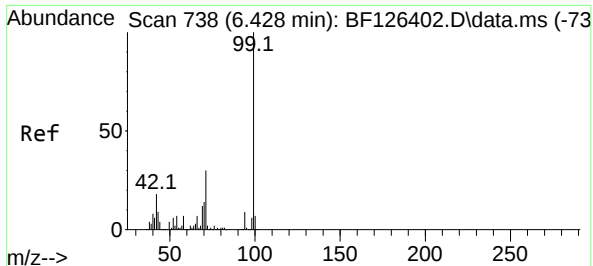
Tgt Ion:152 Resp: 88767
Ion Ratio Lower Upper
152 100
150 157.2 128.1 192.1
115 65.0 56.7 85.1



#5
2-Fluorophenol
Concen: 80.070 ng
RT: 5.393 min Scan# 562
Delta R.T. 0.000 min
Lab File: BF126505.D
Acq: 5 Jan 2022 19:44

Tgt Ion:112 Resp: 494934
Ion Ratio Lower Upper
112 100
64 59.0 49.5 74.3
63 28.4 23.9 35.9

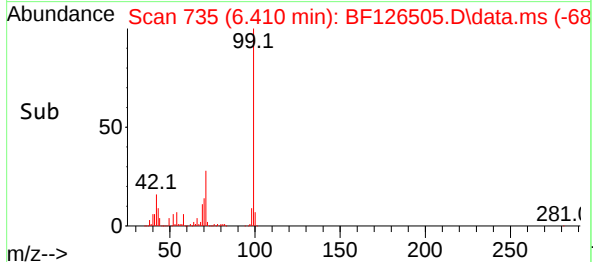
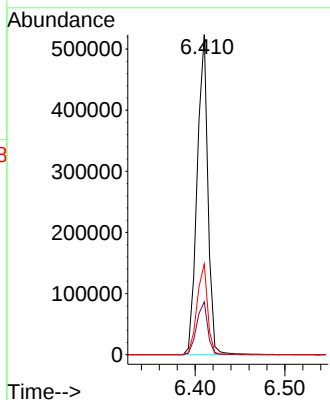
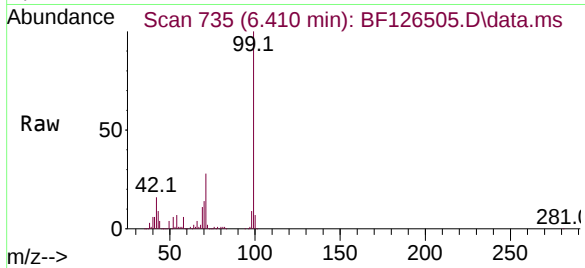




#7
Phenol-d6
Concen: 54.540 ng
RT: 6.410 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF126505.D
Acq: 5 Jan 2022 19:44

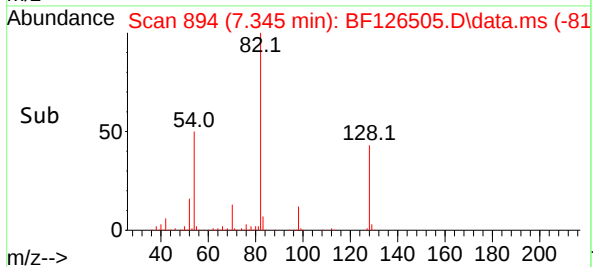
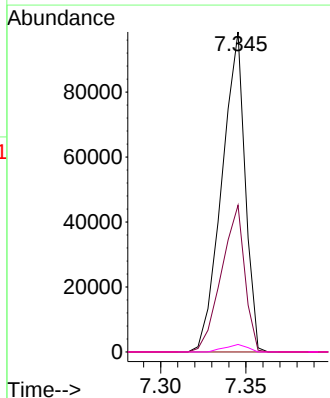
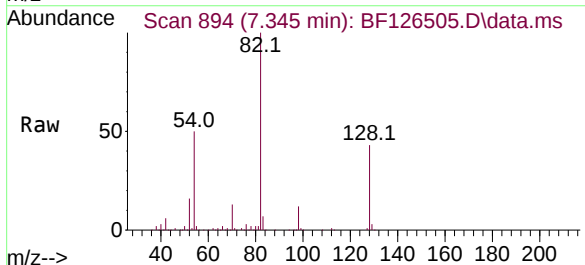
Instrument :
BNA_F
ClientSampleId :
20211311-CAPE-5-SITE-WATER

Tgt Ion: 99 Resp: 436654
Ion Ratio Lower Upper
99 100
42 16.5 14.2 21.4
71 28.3 24.3 36.5



#19
n-Nitroso-di-n-propylamine
Concen: 20.431 ng
RT: 7.345 min Scan# 894
Delta R.T. 0.141 min
Lab File: BF126505.D
Acq: 5 Jan 2022 19:44

Tgt Ion: 70 Resp: 93340
Ion Ratio Lower Upper
70 100
42 45.9 45.8 68.8
101 0.0 6.9 10.3#
130 2.3 14.4 21.6#



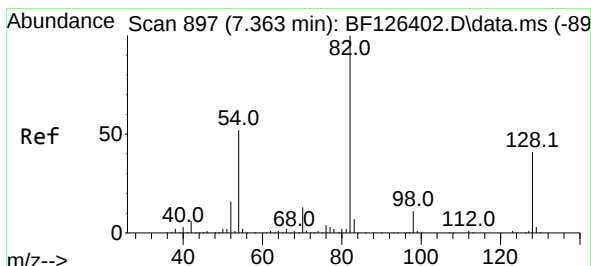
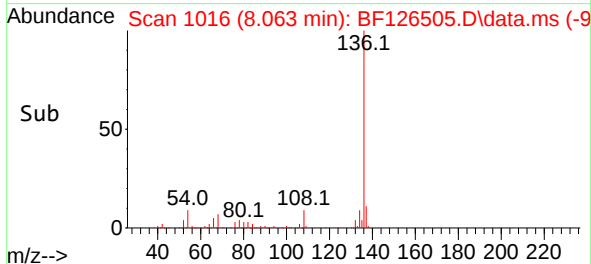
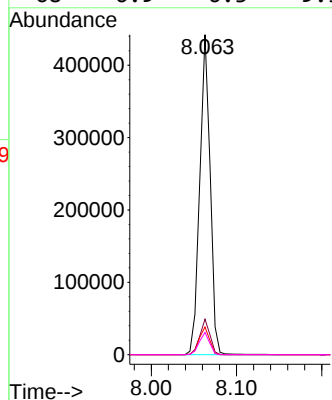
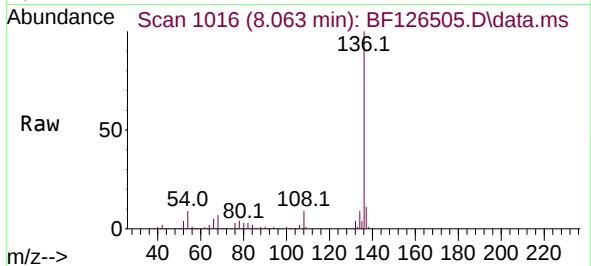


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.063 min Scan# 1016
Delta R.T. -0.006 min
Lab File: BF126505.D
Acq: 5 Jan 2022 19:44

Instrument :
BNA_F
ClientSampleId :
20211311-CAPE-5-SITE-WATER

Tgt Ion:136 Resp: 375544

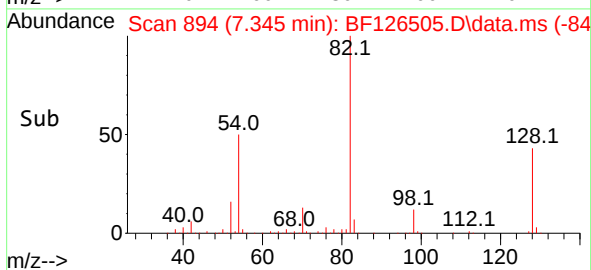
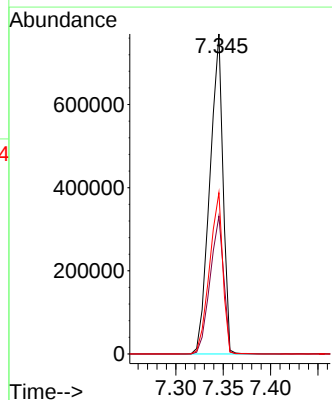
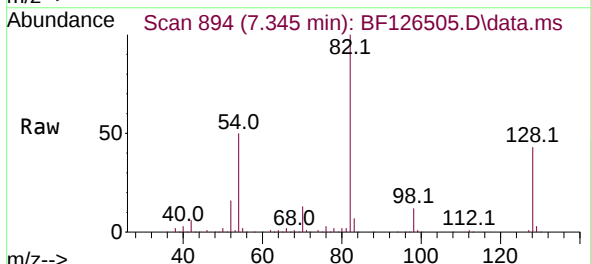
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.6	13.0
54	8.6	7.8	11.6
68	6.9	6.3	9.5



#23
Nitrobenzene-d5
Concen: 101.812 ng
RT: 7.345 min Scan# 894
Delta R.T. -0.006 min
Lab File: BF126505.D
Acq: 5 Jan 2022 19:44

Tgt Ion: 82 Resp: 744646

Ion	Ratio	Lower	Upper
82	100		
128	43.1	32.7	49.1
54	50.4	41.7	62.5

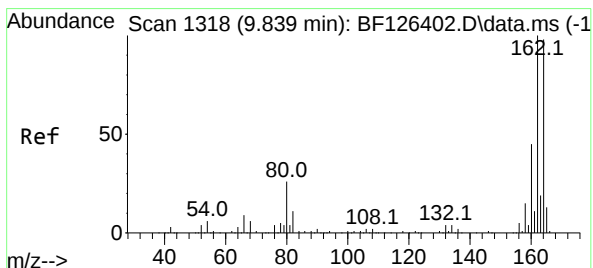
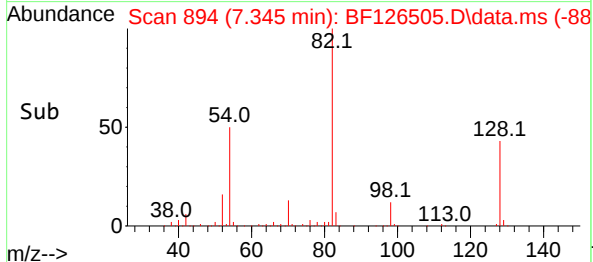
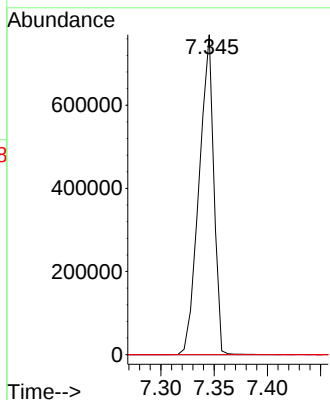
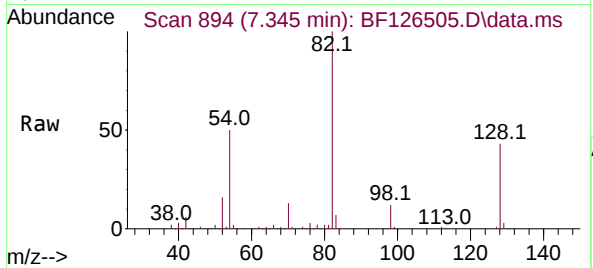




#25
Isophorone
Concen: 56.861 ng
RT: 7.345 min Scan# 894
Delta R.T. -0.265 min
Lab File: BF126505.D
Acq: 5 Jan 2022 19:44

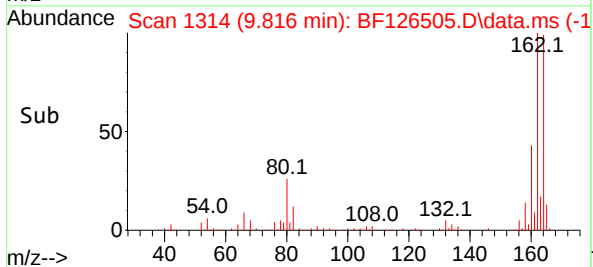
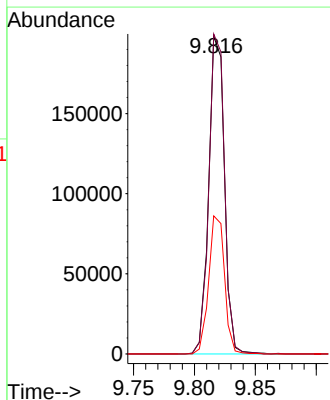
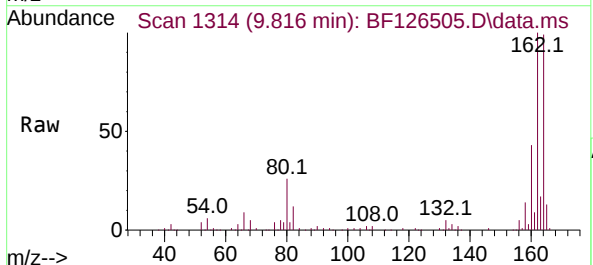
Instrument :
BNA_F
ClientSampleId :
20211311-CAPE-5-SITE-WATER

Tgt Ion: 82 Resp: 744485
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: 9.816 min Scan# 1314
Delta R.T. -0.012 min
Lab File: BF126505.D
Acq: 5 Jan 2022 19:44

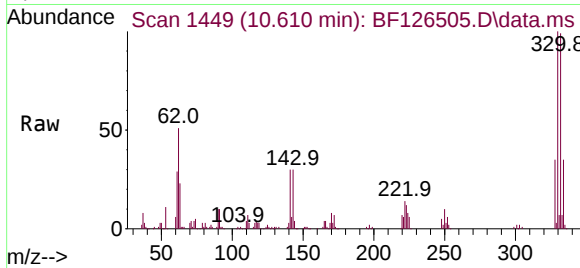
Tgt Ion:164 Resp: 177556
Ion Ratio Lower Upper
164 100
162 100.7 81.4 122.0
160 43.5 36.6 54.8



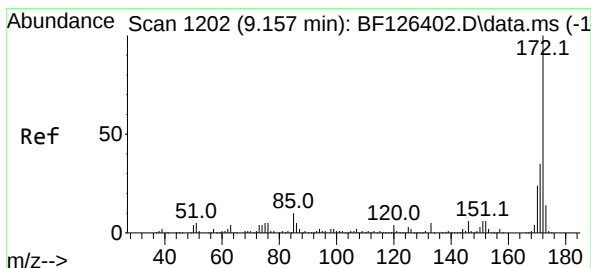
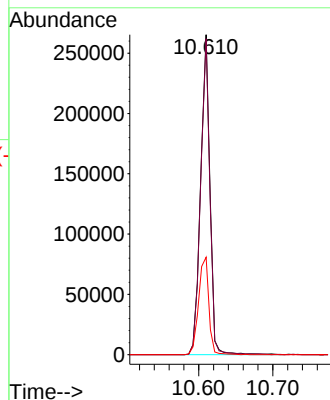
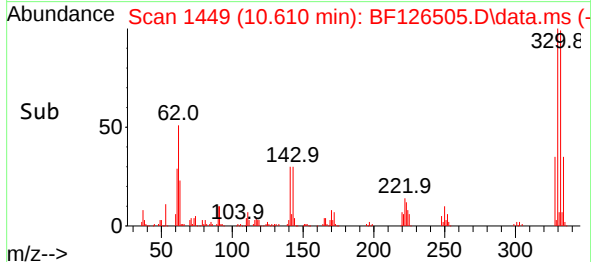


#42
2,4,6-Tribromophenol
Concen: 168.324 ng
RT: 10.610 min Scan# 1449
Delta R.T. -0.006 min
Lab File: BF126505.D
Acq: 5 Jan 2022 19:44

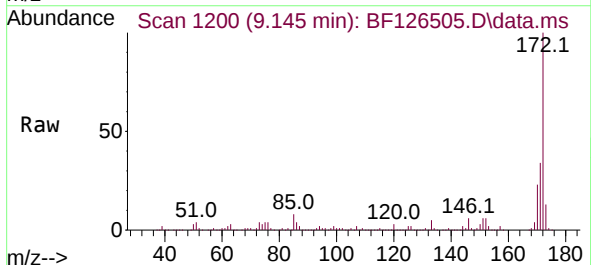
Instrument :
BNA_F
ClientSampleId :
20211311-CAPE-5-SITE-WATER



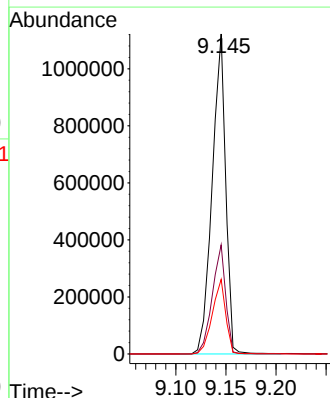
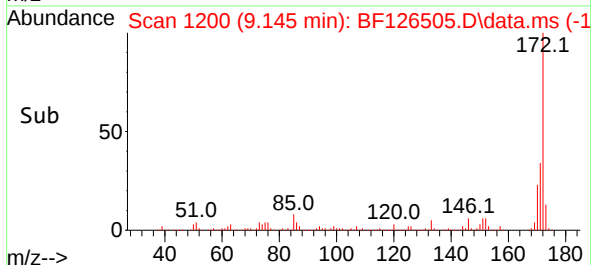
Tgt Ion:330 Resp: 230950
Ion Ratio Lower Upper
330 100
332 97.8 76.0 114.0
141 33.5 30.1 45.1

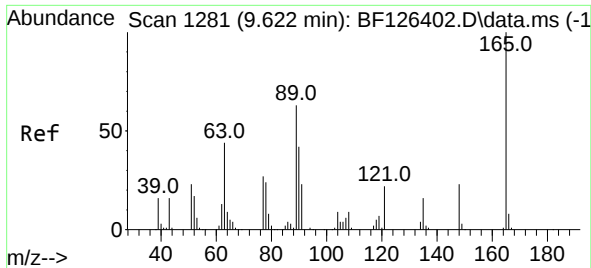


#45
2-Fluorobiphenyl
Concen: 104.536 ng
RT: 9.145 min Scan# 1200
Delta R.T. -0.006 min
Lab File: BF126505.D
Acq: 5 Jan 2022 19:44



Tgt Ion:172 Resp: 1054769
Ion Ratio Lower Upper
172 100
171 34.1 28.3 42.5
170 23.3 19.0 28.6

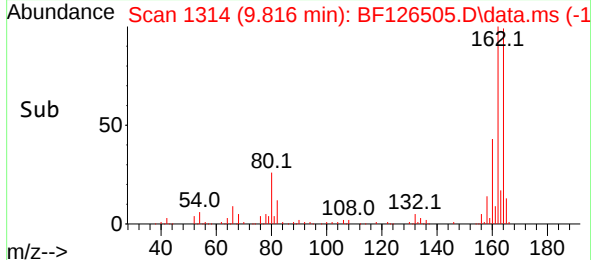
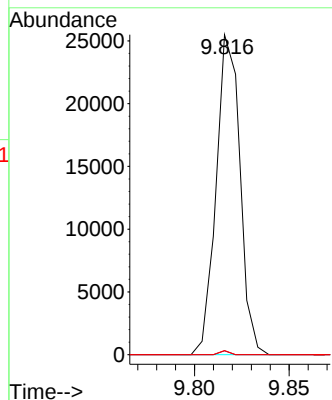
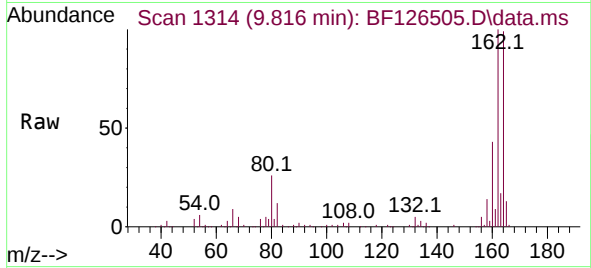




#51
2,6-Dinitrotoluene
Concen: 9.331 ng
RT: 9.816 min Scan# 1314
Delta R.T. 0.206 min
Lab File: BF126505.D
Acq: 5 Jan 2022 19:44

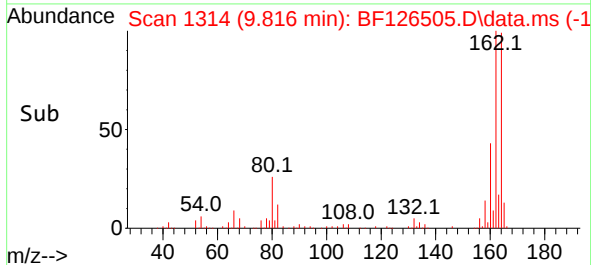
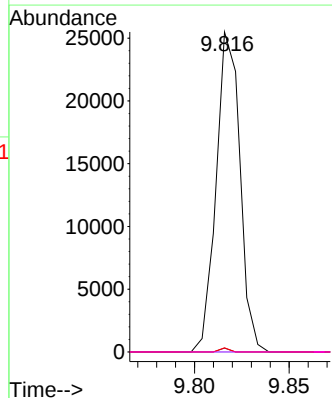
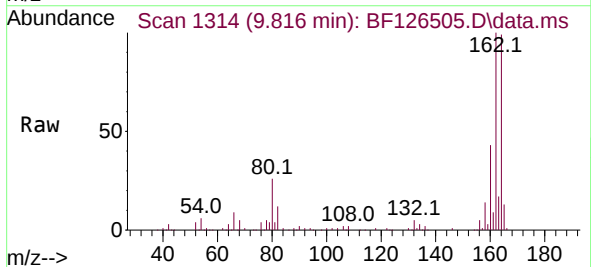
Instrument :
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20211311-CAPE-5-SITE-WATER

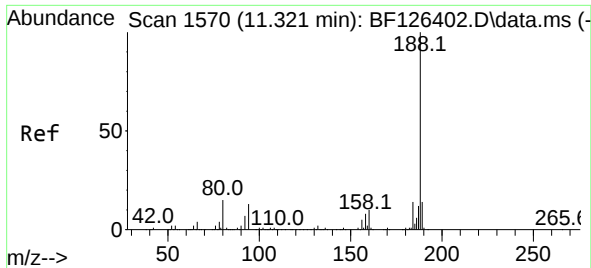
Tgt Ion:165 Resp: 22336
Ion Ratio Lower Upper
165 100
63 1.2 48.4 72.6#
89 1.3 50.5 75.7#



#57
2,4-Dinitrotoluene
Concen: 7.232 ng
RT: 9.816 min Scan# 1314
Delta R.T. -0.200 min
Lab File: BF126505.D
Acq: 5 Jan 2022 19:44

Tgt Ion:165 Resp: 22336
Ion Ratio Lower Upper
165 100
63 1.2 43.0 64.6#
89 1.3 71.0 106.4#
182 0.0 1.6 2.4#

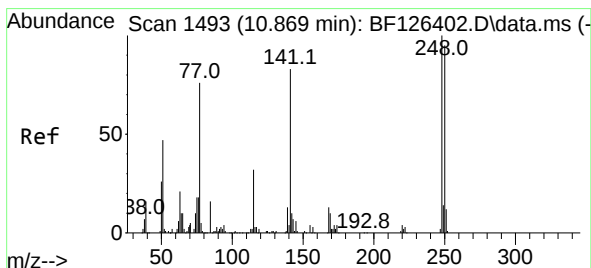
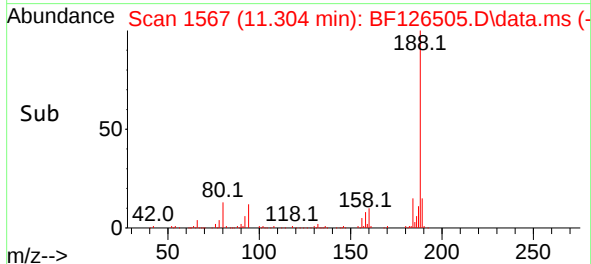
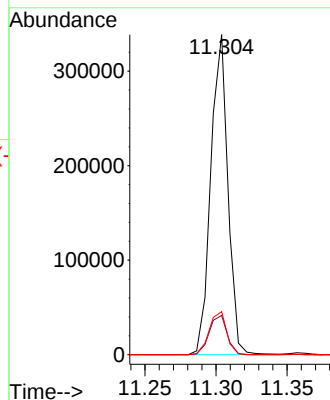
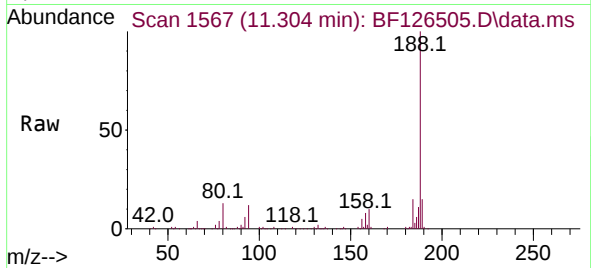




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.304 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF126505.D
Acq: 5 Jan 2022 19:44

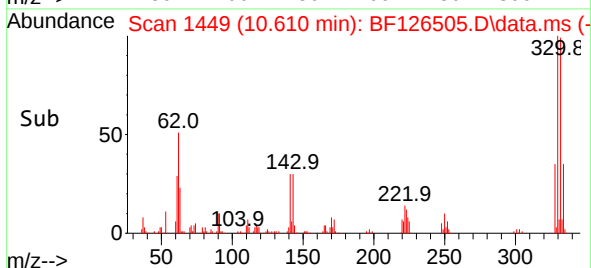
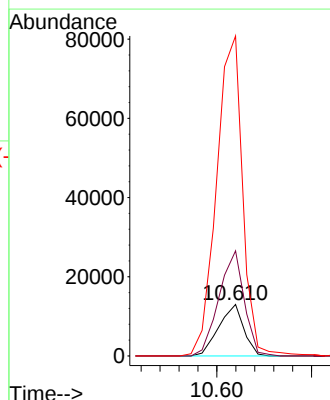
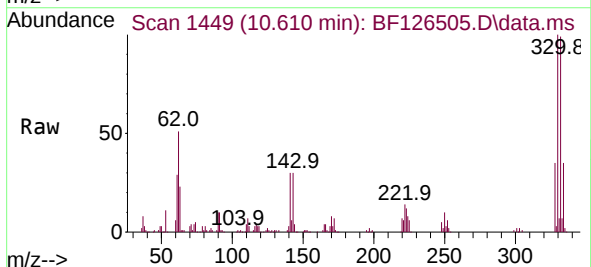
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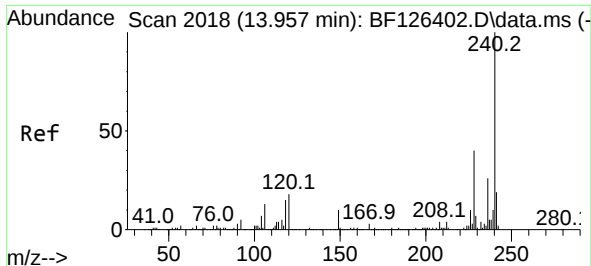
Tgt Ion:188 Resp: 284170
Ion Ratio Lower Upper
188 100
94 12.3 10.1 15.1
80 13.5 11.8 17.6



#67
4-Bromophenyl-phenylether
Concen: 4.718 ng
RT: 10.610 min Scan# 1449
Delta R.T. -0.247 min
Lab File: BF126505.D
Acq: 5 Jan 2022 19:44

Tgt Ion:248 Resp: 11899
Ion Ratio Lower Upper
248 100
250 204.3 76.2 114.4#
141 621.4 66.2 99.4#

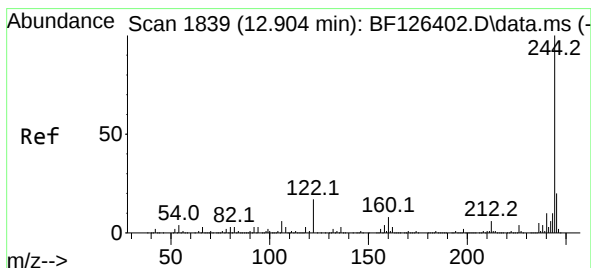
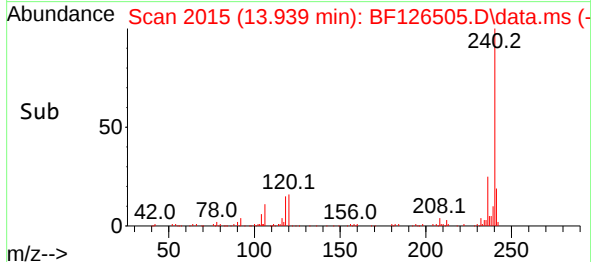
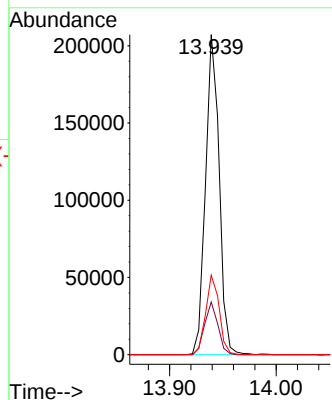
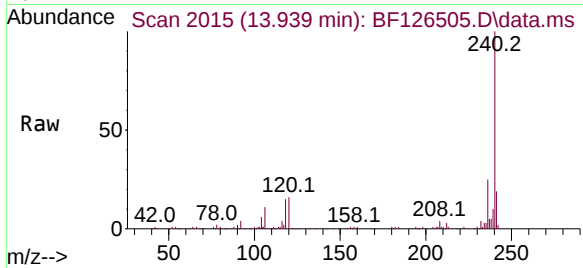




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.939 min Scan# 2015
Delta R.T. -0.012 min
Lab File: BF126505.D
Acq: 5 Jan 2022 19:44

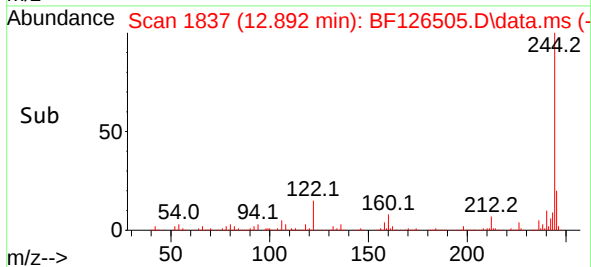
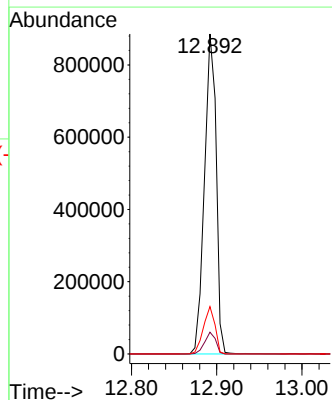
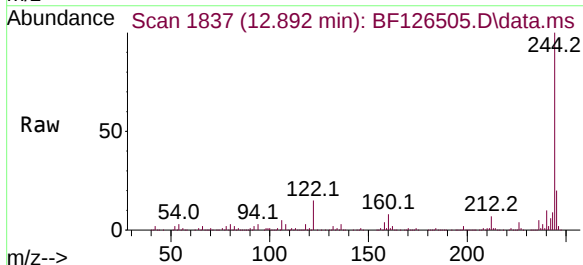
Instrument :
BNA_F
ClientSampleId :
20211311-CAPE-5-SITE-WATER

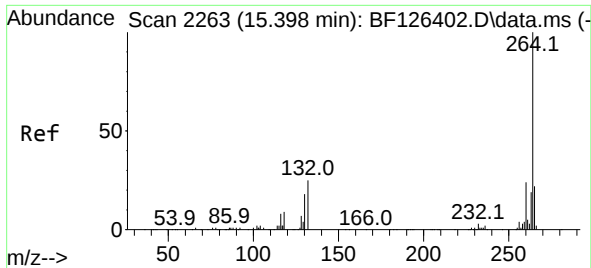
Tgt Ion:240 Resp: 185237
Ion Ratio Lower Upper
240 100
120 16.4 14.4 21.6
236 24.8 20.5 30.7



#79
Terphenyl-d14
Concen: 88.819 ng
RT: 12.892 min Scan# 1837
Delta R.T. -0.006 min
Lab File: BF126505.D
Acq: 5 Jan 2022 19:44

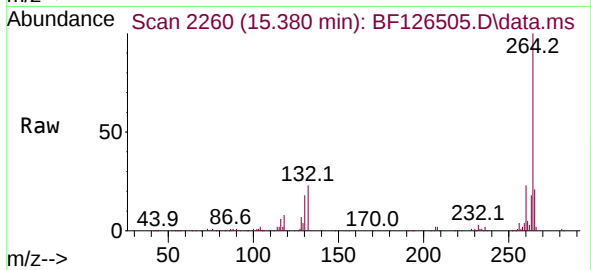
Tgt Ion:244 Resp: 846792
Ion Ratio Lower Upper
244 100
212 6.8 5.0 7.4
122 14.8 13.3 19.9





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.380 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BF126505.D
 Acq: 5 Jan 2022 19:44

Instrument :
 BNA_F
 ClientSampleId :
 20211311-CAPE-5-SITE-WATER



Tgt Ion:264 Resp: 154423
 Ion Ratio Lower Upper
 264 100
 260 23.0 19.2 28.8
 265 20.7 17.4 26.2

