

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022122\
 Data File : BF126985.D
 Acq On : 21 Feb 2022 20:48
 Operator : CG\JU
 Sample : N1602-12
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SPLP-LEACHATE-AMENDED-3-COMP

Quant Time: Feb 22 03:51:48 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 21 13:16:57 2022
 Response via : Initial Calibration

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

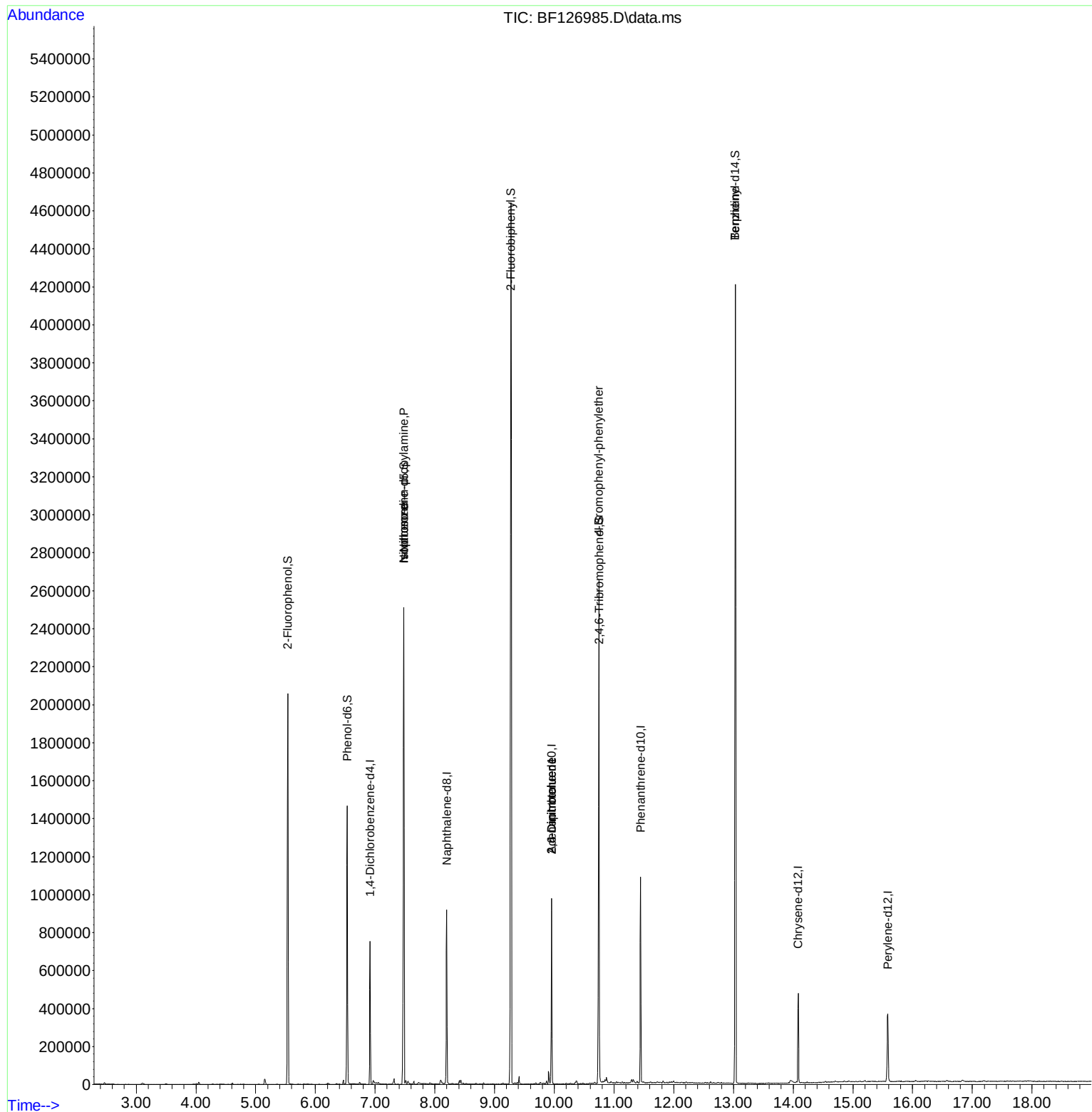
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.916	152	91163	20.000	ng	0.00
21) Naphthalene-d8	8.198	136	366390	20.000	ng	# 0.00
39) Acenaphthene-d10	9.957	164	190943	20.000	ng	0.00
64) Phenanthrene-d10	11.445	188	336345	20.000	ng	# 0.00
76) Chrysene-d12	14.086	240	145078	20.000	ng	#-0.01
86) Perylene-d12	15.586	264	161576	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.540	112	459555	77.913	ng	0.00
7) Phenol-d6	6.534	99	427306	53.689	ng	-0.01
23) Nitrobenzene-d5	7.481	82	879384	108.335	ng	-0.01
42) 2,4,6-Tribromophenol	10.751	330	313194	142.461	ng	0.00
45) 2-Fluorobiphenyl	9.275	172	1461321	112.667	ng	0.00
79) Terphenyl-d14	13.033	244	1381613	139.995	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.481	70	121708	23.732	ng	# 79
25) Isophorone	7.481	82	878949	65.437	ng	# 69
51) 2,6-Dinitrotoluene	9.957	165	24836	8.944	ng	# 22
57) 2,4-Dinitrotoluene	9.957	165	24836	6.615	ng	# 16
67) 4-Bromophenyl-phenylether	10.745	248	19210	5.112	ng	# 1
77) Benzidine	13.033	184	20831	5.284	ng	# 94

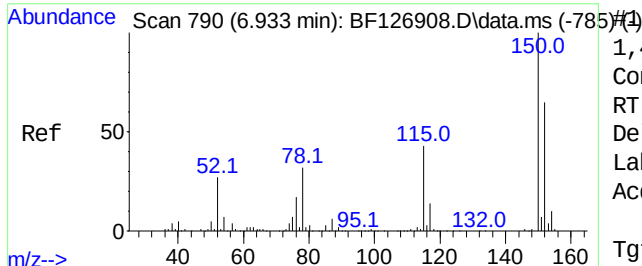
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

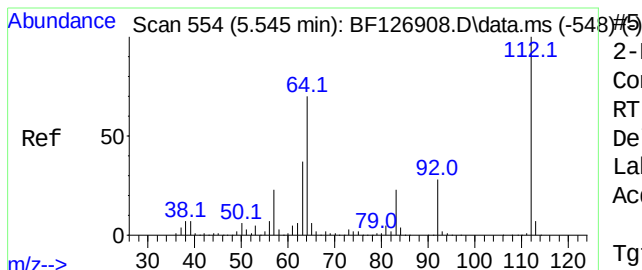
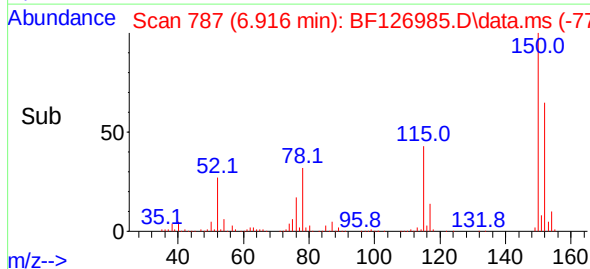
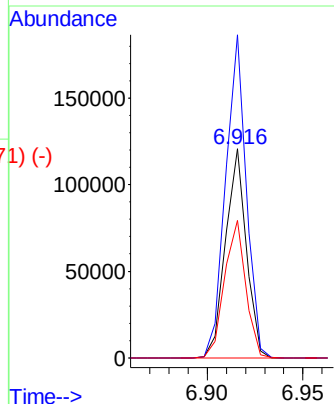
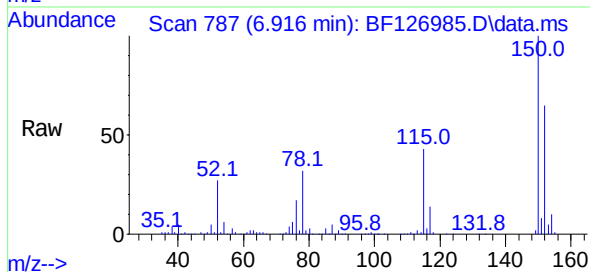




1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.916 min Scan#
Delta R.T. -0.006 min
Lab File: BF126985.D
Acq: 21 Feb 2022 20:48

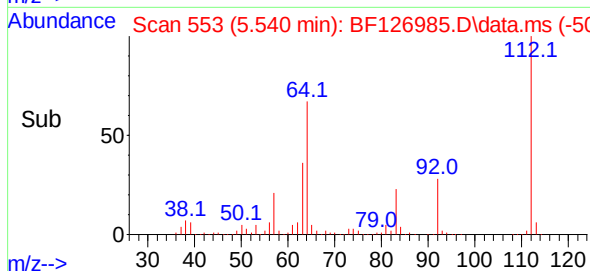
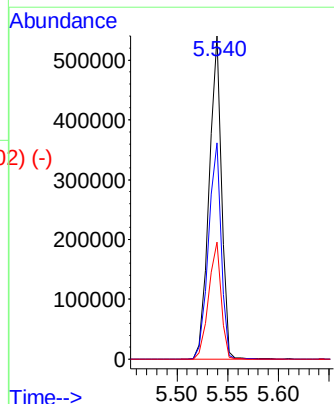
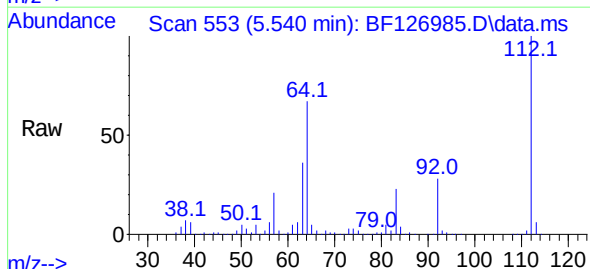
Instrument :
BNA_F
ClientSampleId :
SPLP-LEACHATE-AMENDED-3-COMP

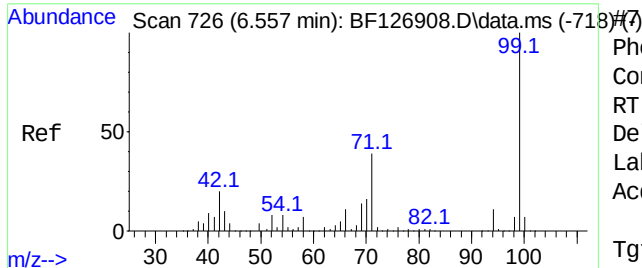
Tgt Ion:152 Resp: 91163
Ion Ratio Lower Upper
152 100
150 154.6 128.1 192.1
115 65.8 56.7 85.1



2-Fluorophenol
Concen: 77.913 ng
RT: 5.540 min Scan# 553
Delta R.T. -0.000 min
Lab File: BF126985.D
Acq: 21 Feb 2022 20:48

Tgt Ion:112 Resp: 459555
Ion Ratio Lower Upper
112 100
64 66.9 49.5 74.3
63 36.2 23.9 35.9#





Phenol-d6

Concen: 53.689 ng

RT: 6.534 min Scan#

Delta R.T. -0.012 min

Lab File: BF126985.D

Acq: 21 Feb 2022 20:48

Instrument :

BNA_F

ClientSampleId :

SPLP-LEACHATE-AMENDED-3-COMP

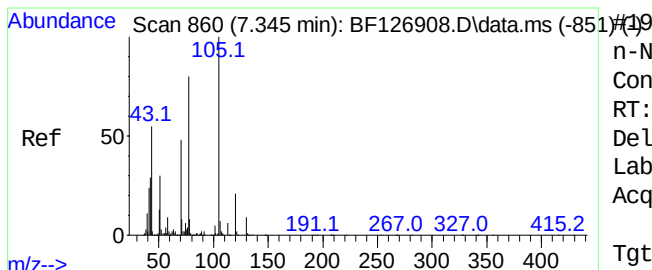
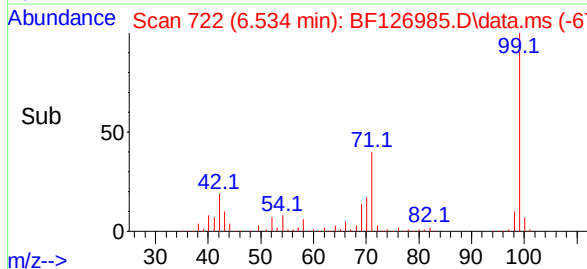
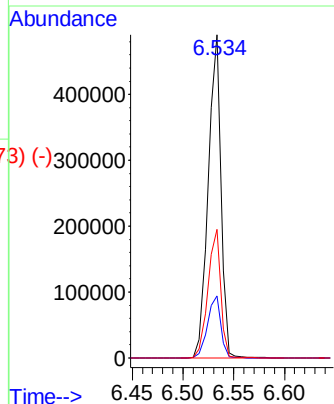
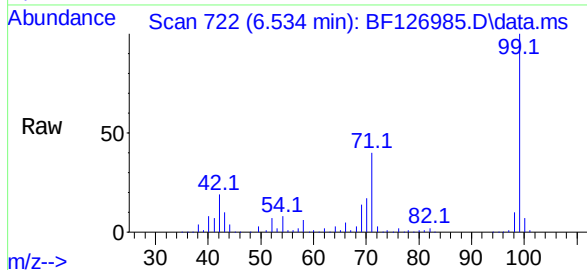
Tgt Ion: 99 Resp: 427306

Ion Ratio Lower Upper

99 100

42 19.2 14.2 21.4

71 39.9 24.3 36.5#



n-Nitroso-di-n-propylamine

Concen: 23.732 ng

RT: 7.481 min Scan# 883

Delta R.T. 0.147 min

Lab File: BF126985.D

Acq: 21 Feb 2022 20:48

Tgt Ion: 70 Resp: 121708

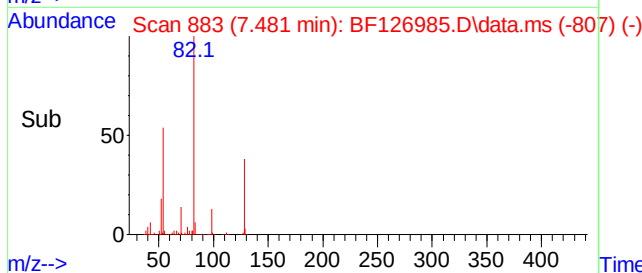
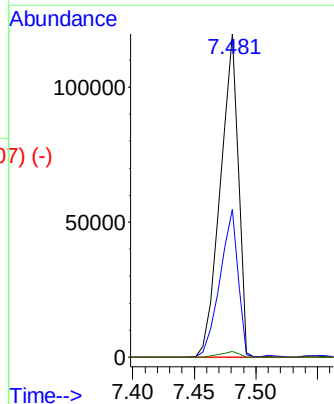
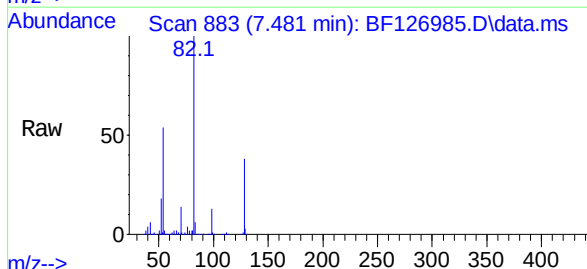
Ion Ratio Lower Upper

70 100

42 45.8 45.8 68.8#

101 0.0 6.9 10.3#

130 1.8 14.4 21.6#



Abundance Scan 1008 (8.216 min): BF126908.D\data.ms (-10621)

Naphthalene-d8

Concen: 20.000 ng

RT: 8.198 min Scan# 1005

Delta R.T. -0.006 min

Lab File: BF126985.D

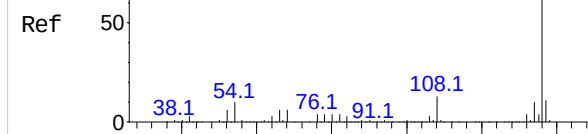
Acq: 21 Feb 2022 20:48

Instrument :

BNA_F

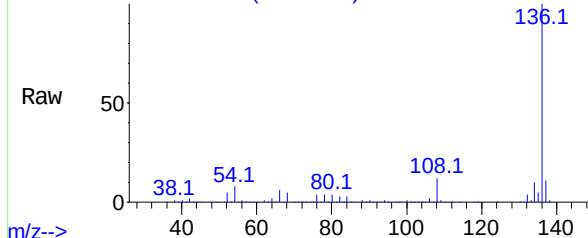
ClientSampleId :

SPLP-LEACHATE-AMENDED-3-COMP



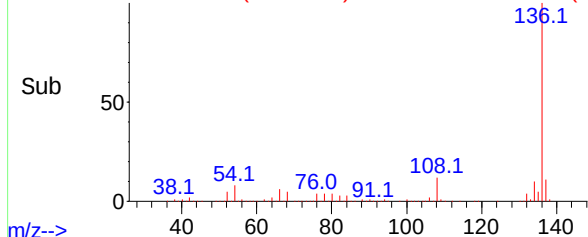
m/z-->

Abundance Scan 1005 (8.198 min): BF126985.D\data.ms



m/z-->

Abundance Scan 1005 (8.198 min): BF126985.D\data.ms (-955) (-)



m/z-->

Tgt Ion:136 Resp: 366390

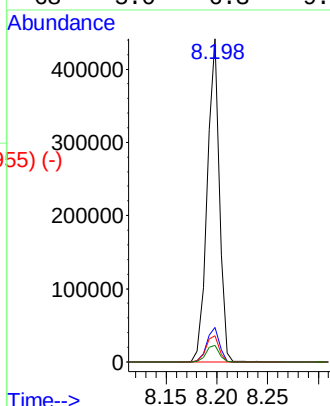
Ion Ratio Lower Upper

136 100

137 10.6 8.6 13.0

54 8.0 7.8 11.6

68 5.0 6.3 9.5#



Abundance Scan 886 (7.498 min): BF126908.D\data.ms (-880) (-)

Nitrobenzene-d5

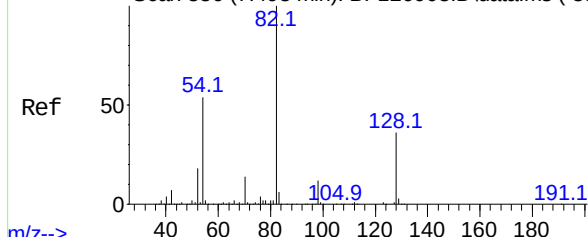
Concen: 108.335 ng

RT: 7.481 min Scan# 883

Delta R.T. -0.012 min

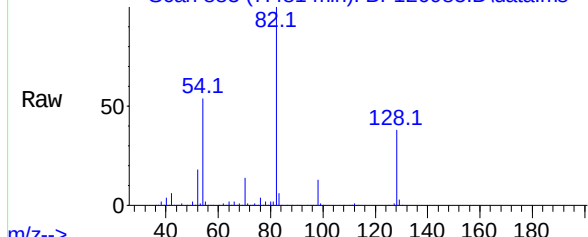
Lab File: BF126985.D

Acq: 21 Feb 2022 20:48



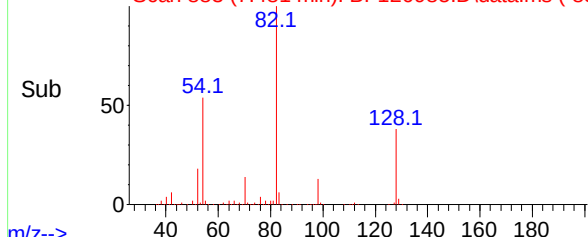
m/z-->

Abundance Scan 883 (7.481 min): BF126985.D\data.ms



m/z-->

Abundance Scan 883 (7.481 min): BF126985.D\data.ms (-834) (-)



m/z-->

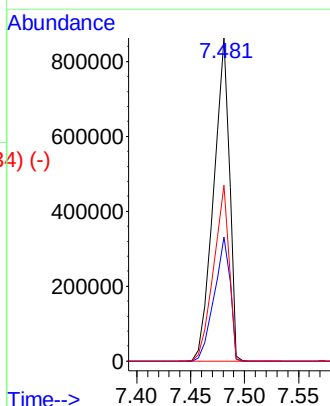
Tgt Ion: 82 Resp: 879384

Ion Ratio Lower Upper

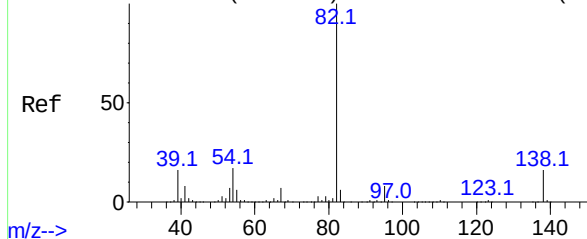
82 100

128 38.4 32.7 49.1

54 54.4 41.7 62.5



Abundance Scan 930 (7.757 min): BF126908.D\data.ms (-923) #25



Isophorone

Concen: 65.437 ng

RT: 7.481 min Scan# 81

Delta R.T. -0.265 min

Lab File: BF126985.D

Acq: 21 Feb 2022 20:48

Instrument :

BNA_F

ClientSampleId :

SPLP-LEACHATE-AMENDED-3-COMP

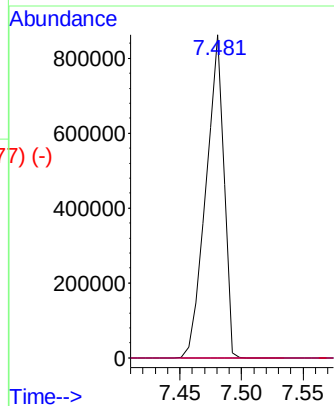
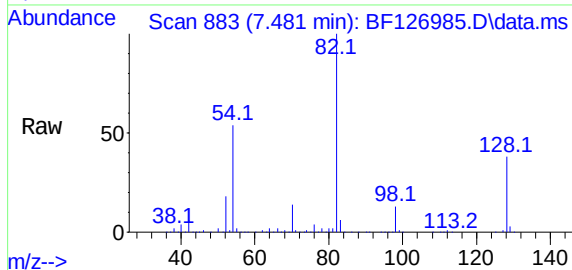
Tgt Ion: 82 Resp: 878949

Ion Ratio Lower Upper

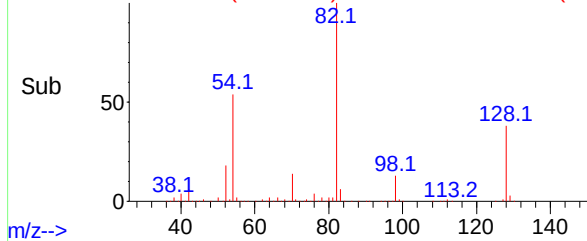
82 100

95 0.0 5.0 7.4#

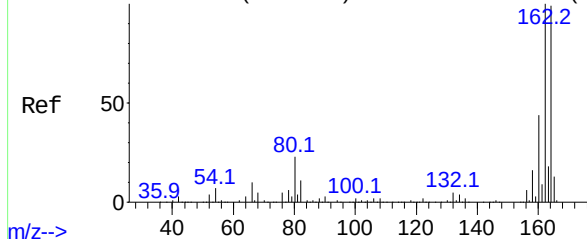
138 0.0 12.3 18.5#



Abundance Scan 883 (7.481 min): BF126985.D\data.ms (-877) (-)



Abundance Scan 1307 (9.974 min): BF126908.D\data.ms (-1304) #39



Acenaphthene-d10

Concen: 20.000 ng

RT: 9.957 min Scan# 1304

Delta R.T. -0.006 min

Lab File: BF126985.D

Acq: 21 Feb 2022 20:48

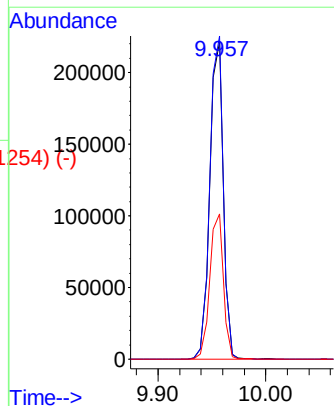
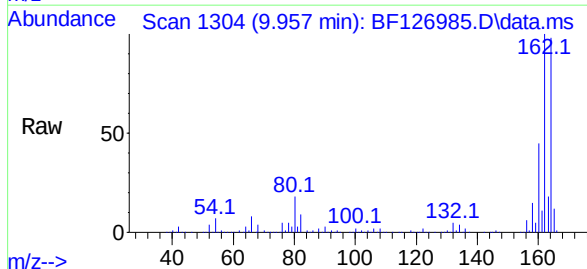
Tgt Ion:164 Resp: 190943

Ion Ratio Lower Upper

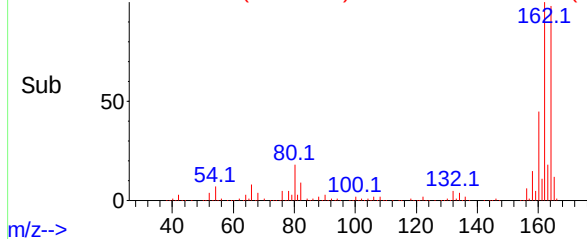
164 100

162 101.8 81.4 122.0

160 45.8 36.6 54.8



Abundance Scan 1304 (9.957 min): BF126985.D\data.ms (-1254) (-)



Abundance Scan 1442 (10.769 min): BF126908.D\data.ms (-1442) (-)

2,4,6-Tribromophenol

Concen: 142.461 ng

RT: 10.751 min Scan# 1442

Delta R.T. -0.000 min

Lab File: BF126985.D

Acq: 21 Feb 2022 20:48

Instrument :

BNA_F

ClientSampleId :

SPLP-LEACHATE-AMENDED-3-COMP

Tgt Ion:330 Resp: 313194

Ion Ratio Lower Upper

330 100

332 97.3 76.0 114.0

141 35.9 30.1 45.1

Abundance Scan 1439 (10.751 min): BF126985.D\data.ms

m/z-->

Abundance Scan 1439 (10.751 min): BF126985.D\data.ms

m/z-->

Abundance Scan 1439 (10.751 min): BF126985.D\data.ms

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Abundance Scan 1439 (10.751 min): BF126985.D\data.ms

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Abundance Scan 1439 (10.751 min): BF126985.D\data.ms

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Abundance Scan 1439 (10.751 min): BF126985.D\data.ms

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Abundance Scan 1439 (10.751 min): BF126985.D\data.ms

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Abundance Scan 1439 (10.751 min): BF126985.D\data.ms

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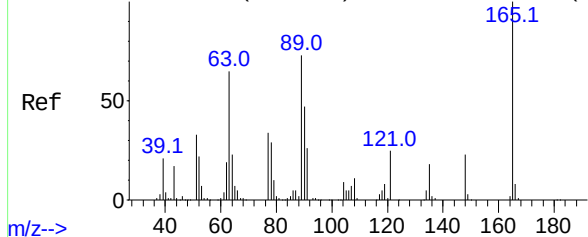
Abundance

Time-->

Abundance

Time-->

Abundance Scan 1270 (9.757 min): BF126908.D\data.ms (-12651)



2,6-Dinitrotoluene

Concen: 8.944 ng

RT: 9.957 min Scan# 1304

Delta R.T. 0.212 min

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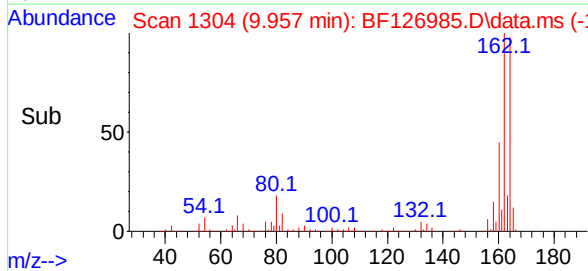
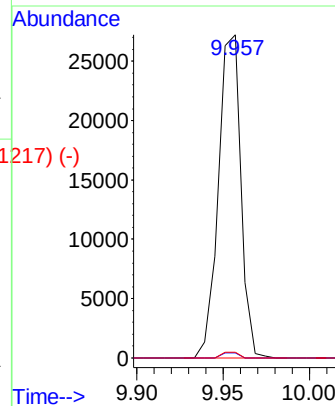
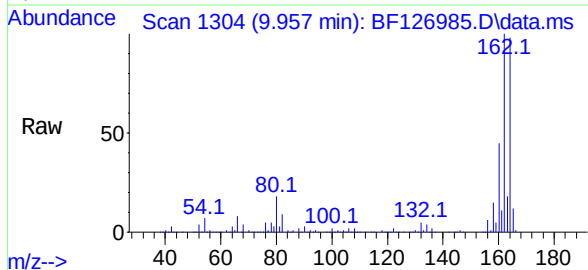
Tgt Ion:165 Resp: 24836

Ion Ratio Lower Upper

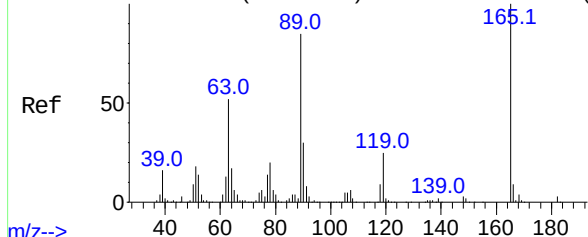
165 100

63 1.5 48.4 72.6#

89 1.8 50.5 75.7#



Abundance Scan 1339 (10.163 min): BF126908.D\data.ms (-1357) (-)



2,4-Dinitrotoluene

Concen: 6.615 ng

RT: 9.957 min Scan# 1304

Delta R.T. -0.194 min

Lab File: BF126985.D

Acq: 21 Feb 2022 20:48

Tgt Ion:165 Resp: 24836

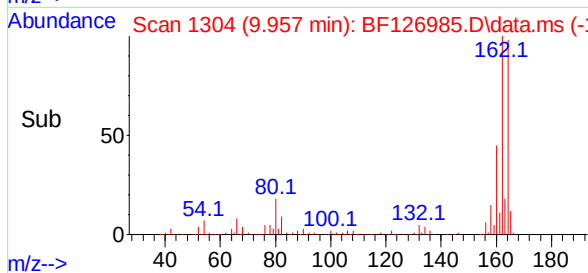
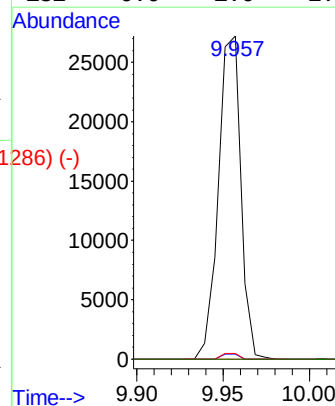
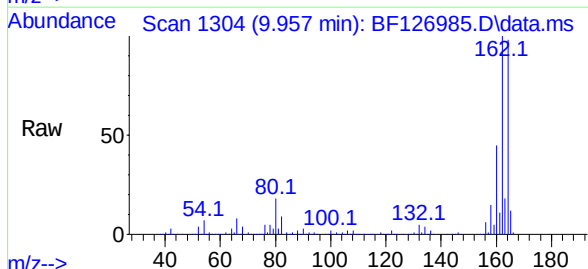
Ion Ratio Lower Upper

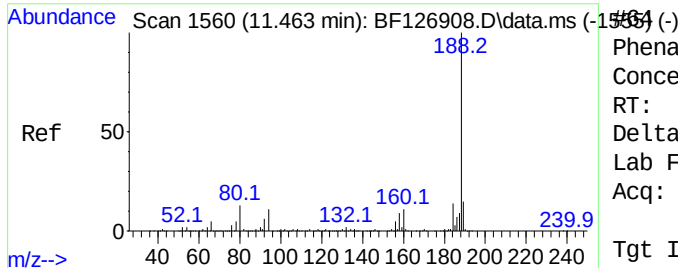
165 100

63 1.5 43.0 64.6#

89 1.8 71.0 106.4#

182 0.0 1.6 2.4#





Phenanthrene-d10

Concen: 20.000 ng

RT: 11.445 min Scan# 1560

Delta R.T. -0.006 min

Lab File: BF126985.D

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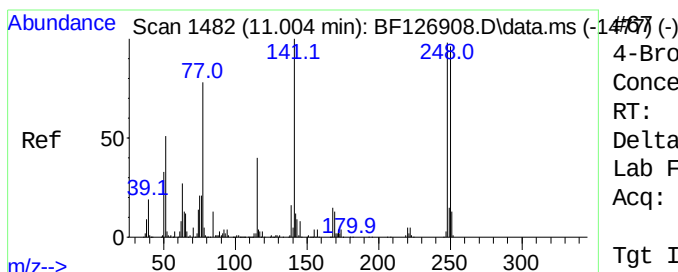
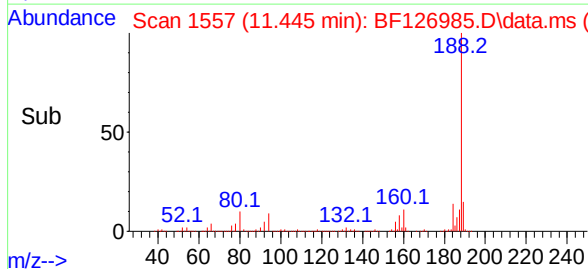
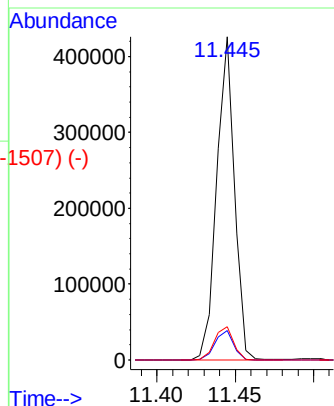
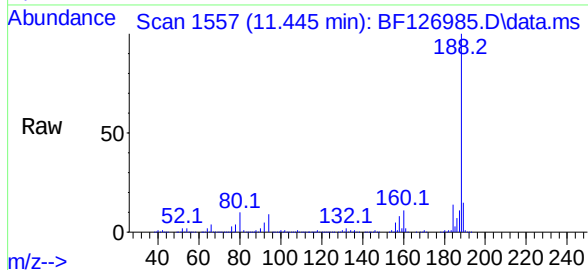
Tgt Ion:188 Resp: 336345

Ion Ratio Lower Upper

188 100

94 9.2 10.1 15.1#

80 10.3 11.8 17.6#



4-Bromophenyl-phenylether

Concen: 5.112 ng

RT: 10.745 min Scan# 1438

Delta R.T. -0.247 min

Lab File: BF126985.D

Acq: 21 Feb 2022 20:48

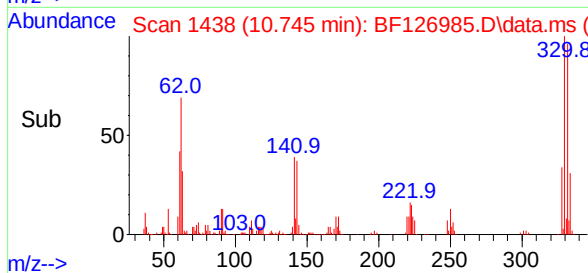
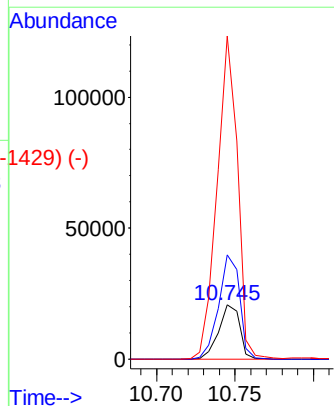
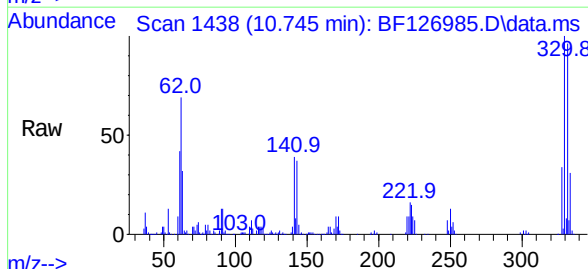
Tgt Ion:248 Resp: 19210

Ion Ratio Lower Upper

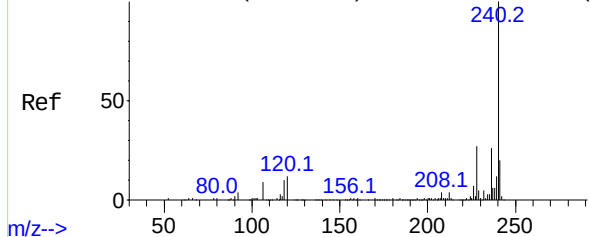
248 100

250 192.3 76.2 114.4#

141 595.8 66.2 99.4#



Abundance Scan 2010 (14.110 min): BF126908.D\data.ms (-20076) (-)



Chrysene-d12

Concen: 20.000 ng

RT: 14.086 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF126985.D

Acq: 21 Feb 2022 20:48

Instrument :

BNA_F

ClientSampleId :

SPLP-LEACHATE-AMENDED-3-COMP

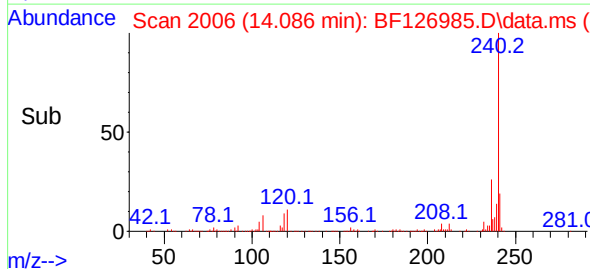
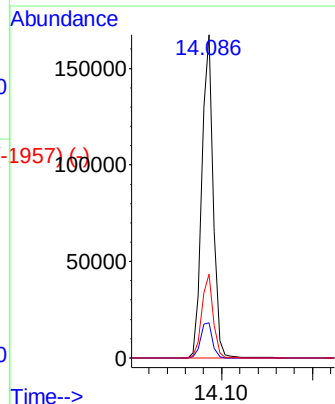
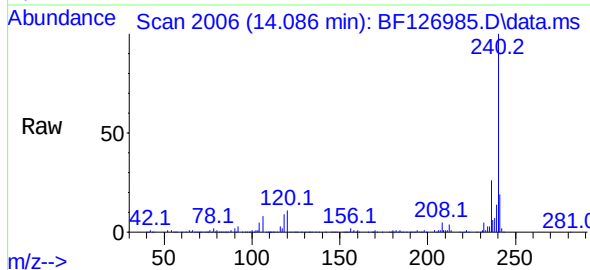
Tgt Ion:240 Resp: 145078

Ion Ratio Lower Upper

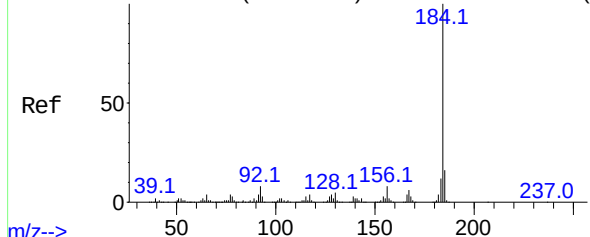
240 100

120 10.9 14.4 21.6#

236 25.9 20.5 30.7



Abundance Scan 1787 (12.798 min): BF126908.D\data.ms (-1757) (-)



Benzidine

Concen: 5.284 ng

RT: 13.033 min Scan# 1827

Delta R.T. 0.247 min

Lab File: BF126985.D

Acq: 21 Feb 2022 20:48

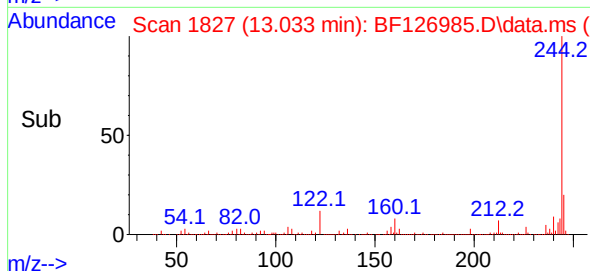
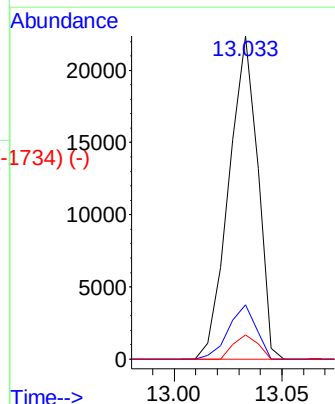
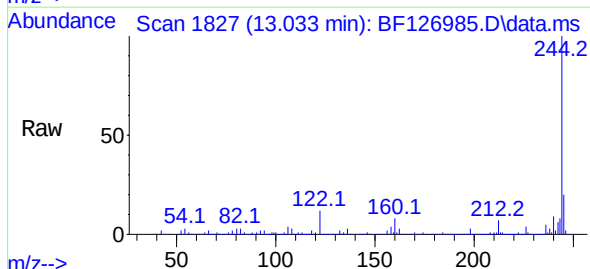
Tgt Ion:184 Resp: 20831

Ion Ratio Lower Upper

184 100

185 16.8 11.8 17.8

183 7.5 8.2 12.2#



Abundance Scan 1830 (13.051 min): BF126908.D\data.ms (-1829) (-)

Terphenyl-d14

Concen: 139.995 ng

RT: 13.033 min Scan# 1827

Delta R.T. -0.006 min

Lab File: BF126985.D

Acq: 21 Feb 2022 20:48

Instrument :

BNA_F

ClientSampleId :

SPLP-LEACHATE-AMENDED-3-COMP

Tgt Ion:244 Resp: 1381613

Ion Ratio Lower Upper

244 100

212 7.0 5.0 7.4

122 11.9 13.3 19.9#

m/z-->

Abundance Scan 1827 (13.033 min): BF126985.D\data.ms

Raw

m/z-->

Abundance Scan 1827 (13.033 min): BF126985.D\data.ms (-1777) (-)

Sub

m/z-->

Abundance

13.033

Time-->

Abundance Scan 2265 (15.609 min): BF126908.D\data.ms (-2265) (-)

Perylene-d12

Concen: 20.000 ng

RT: 15.586 min Scan# 2261

Delta R.T. -0.006 min

Lab File: BF126985.D

Acq: 21 Feb 2022 20:48

Tgt Ion:264 Resp: 161576

Ion Ratio Lower Upper

264 100

260 21.7 19.2 28.8

265 21.0 17.4 26.2

m/z-->

Abundance Scan 2261 (15.586 min): BF126985.D\data.ms

Raw

m/z-->

Abundance Scan 2261 (15.586 min): BF126985.D\data.ms (-2211) (-)

Sub

m/z-->

Abundance

15.586

Time-->