

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050622\
 Data File : BF128138.D
 Acq On : 06 May 2022 21:52
 Operator : CG\JU
 Sample : N2717-01
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 24702

Quant Time: May 06 23:26:30 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 05 17:56:23 2022
 Response via : Initial Calibration

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

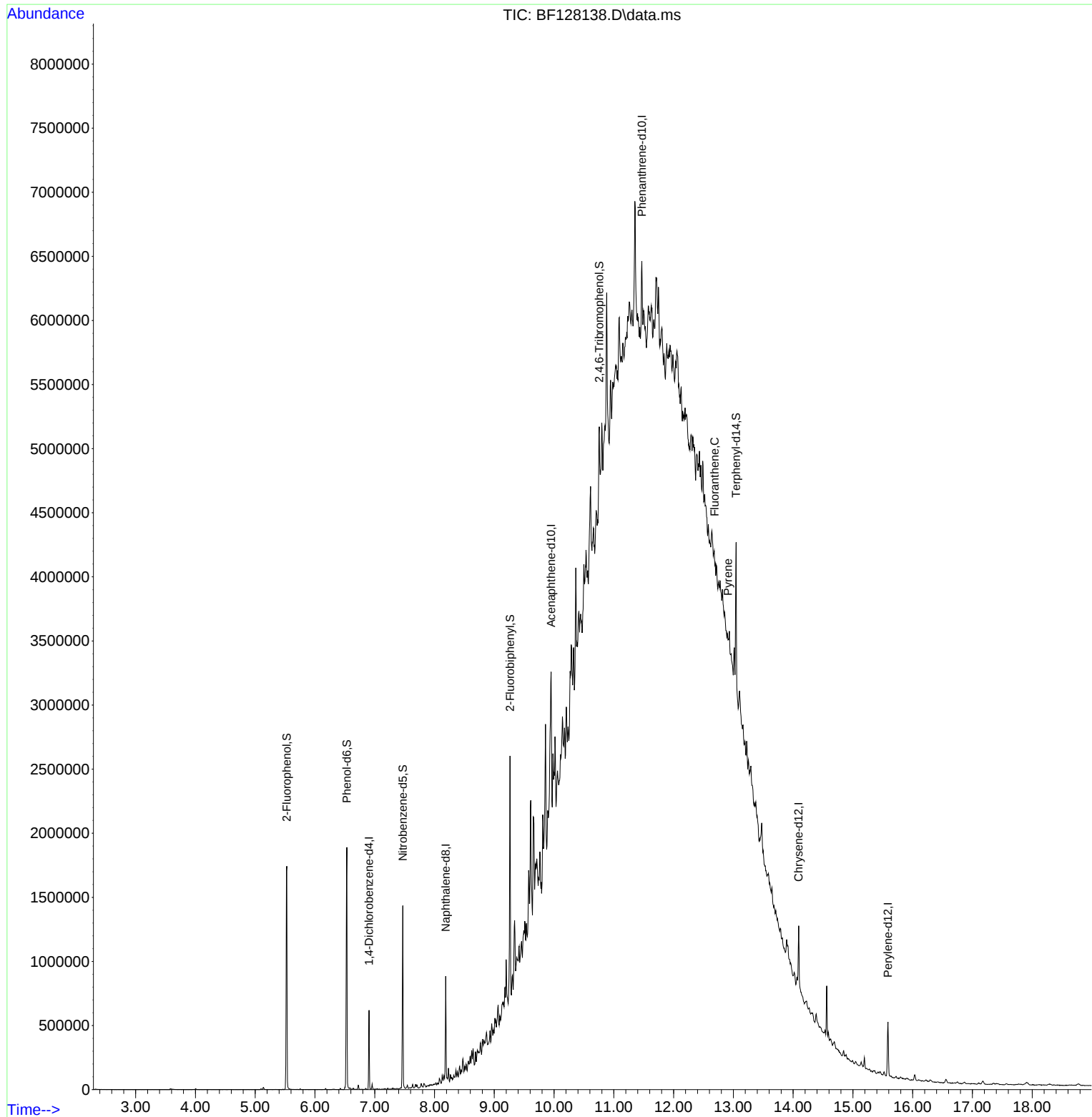
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.904	152	76767	20.000	ng	0.00
21) Naphthalene-d8	8.187	136	291876	20.000	ng	-0.01
39) Acenaphthene-d10	9.951	164	131786	20.000	ng	0.00
64) Phenanthrene-d10	11.469	188	157767	20.000	ng	# 0.02
76) Chrysene-d12	14.092	240	158172	20.000	ng	0.00
86) Perylene-d12	15.586	264	177956	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	487851	101.221	ng	0.00
7) Phenol-d6	6.534	99	642114	102.675	ng	-0.01
23) Nitrobenzene-d5	7.469	82	436662	70.351	ng	-0.01
42) 2,4,6-Tribromophenol	10.757	330	117040	88.222	ng	0.01
45) 2-Fluorobiphenyl	9.263	172	532268	68.327	ng	0.00
79) Terphenyl-d14	13.045	244	392994	45.432	ng	0.01
Target Compounds						
						Qvalue
75) Fluoranthene	12.686	202	31307	3.602	ng	# 70
78) Pyrene	12.910	202	30133	2.360	ng	# 75

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

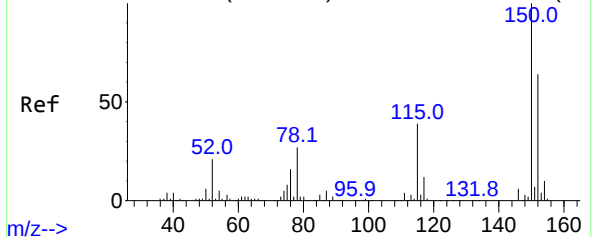
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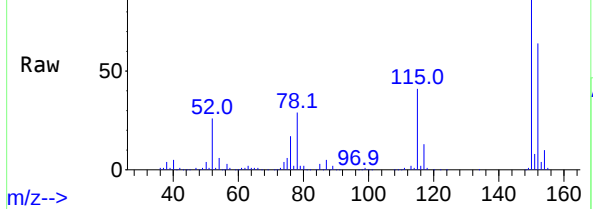


Abundance Scan 792 (6.945 min): BF127861.D\data.ms (-78



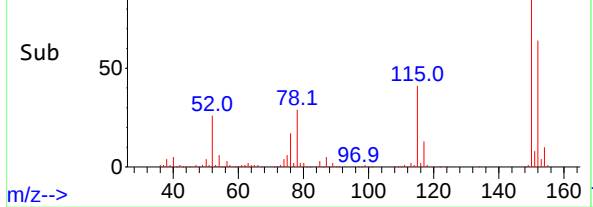
m/z-->

Abundance Scan 785 (6.904 min): BF128138.D\data.ms



m/z-->

Abundance Scan 785 (6.904 min): BF128138.D\data.ms (-76



m/z-->

#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.904 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF128138.D

Acq: 06 May 2022 21:52

Instrument :

BNA_F

ClientSampleId :

24702

Tgt Ion:152 Resp: 76767

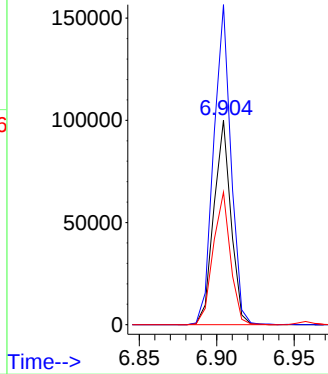
Ion Ratio Lower Upper

152 100

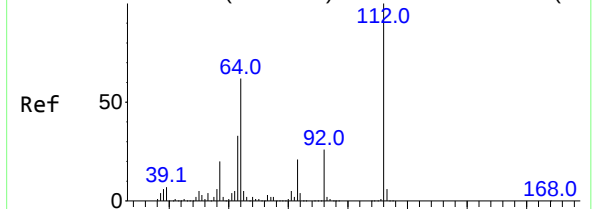
150 156.4 125.3 187.9

115 64.7 48.8 73.2

Abundance

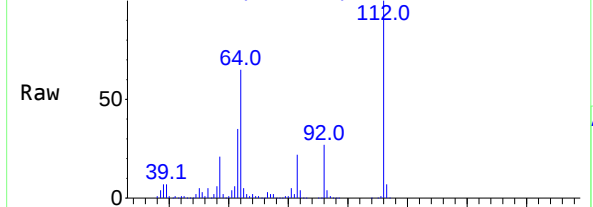


Abundance Scan 557 (5.563 min): BF127861.D\data.ms (-55



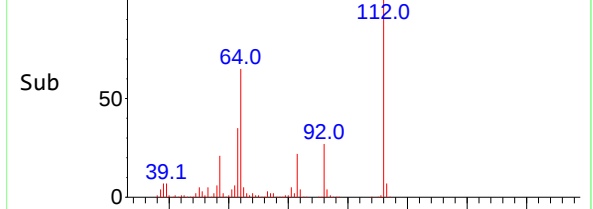
m/z-->

Abundance Scan 551 (5.528 min): BF128138.D\data.ms



m/z-->

Abundance Scan 551 (5.528 min): BF128138.D\data.ms (-50



m/z-->

#5

2-Fluorophenol

Concen: 101.221 ng

RT: 5.528 min Scan# 551

Delta R.T. -0.006 min

Lab File: BF128138.D

Acq: 06 May 2022 21:52

Tgt Ion:112 Resp: 487851

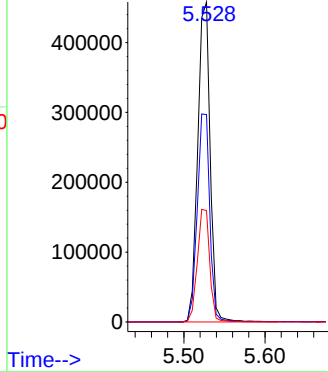
Ion Ratio Lower Upper

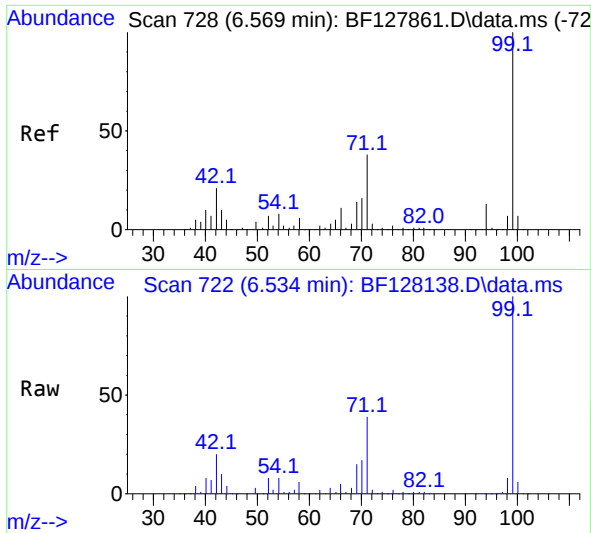
112 100

64 64.8 49.5 74.3

63 34.8 26.3 39.5

Abundance





#7

Phenol-d6

Concen: 102.675 ng

RT: 6.534 min Scan# 71

Delta R.T. -0.012 min

Lab File: BF128138.D

Acq: 06 May 2022 21:52

Instrument :

BNA_F

ClientSampleId :

24702

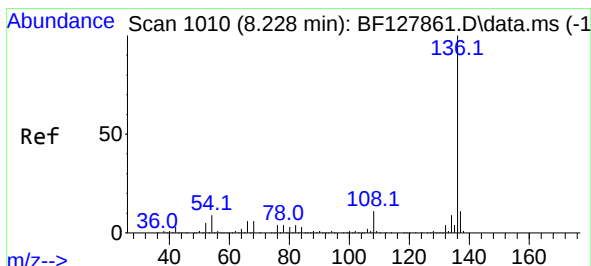
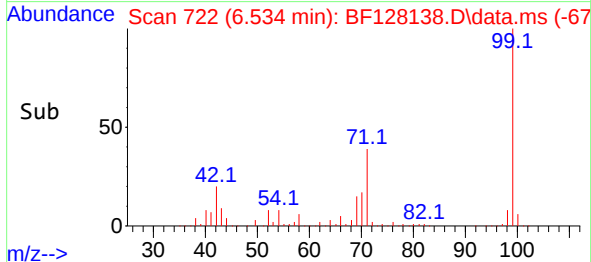
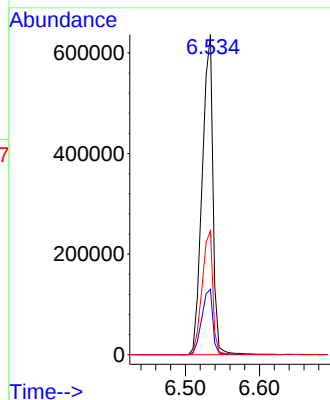
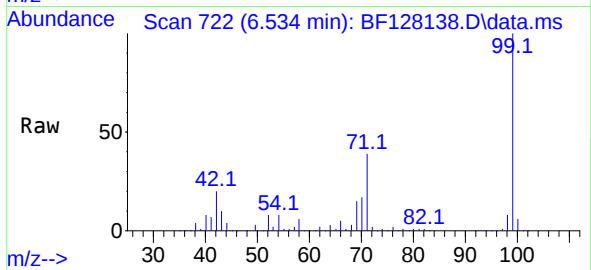
Tgt Ion: 99 Resp: 642114

Ion Ratio Lower Upper

99 100

42 20.4 16.6 24.8

71 38.7 30.0 45.0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.187 min Scan# 1003

Delta R.T. -0.012 min

Lab File: BF128138.D

Acq: 06 May 2022 21:52

Tgt Ion: 136 Resp: 291876

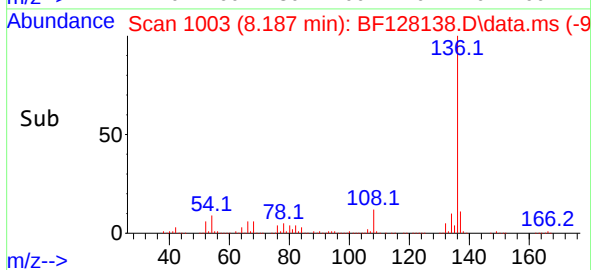
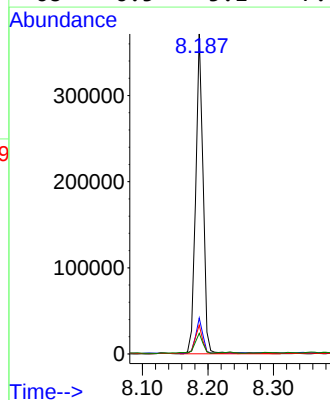
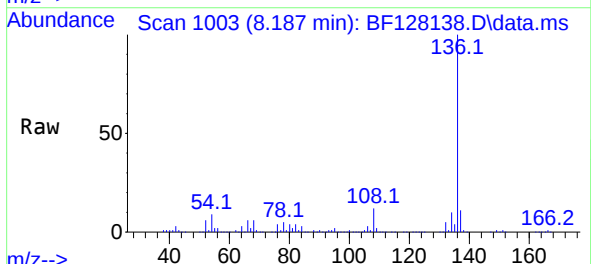
Ion Ratio Lower Upper

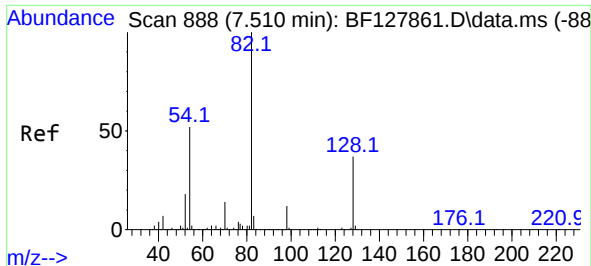
136 100

137 11.3 8.6 13.0

54 9.0 6.8 10.2

68 6.5 5.1 7.7





#23

Nitrobenzene-d5

Concen: 70.351 ng

RT: 7.469 min Scan# 81

Delta R.T. -0.012 min

Lab File: BF128138.D

Acq: 06 May 2022 21:52

Instrument :

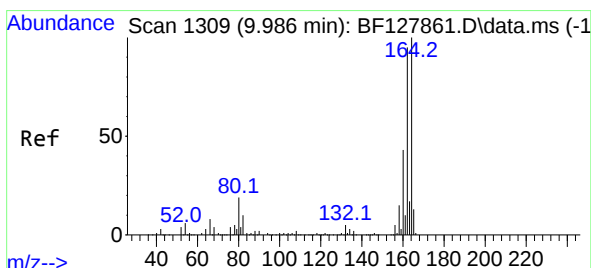
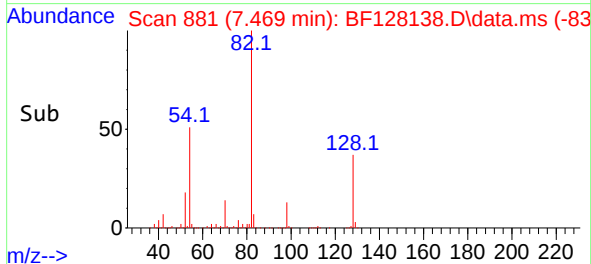
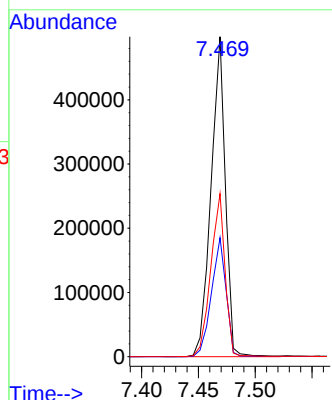
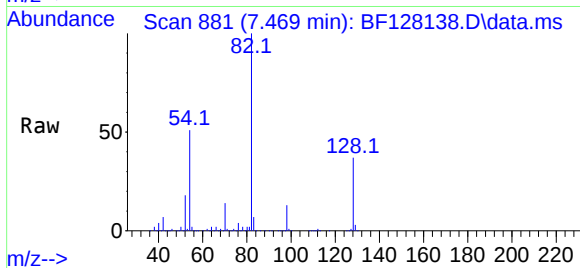
BNA_F

ClientSampleId :

24702

Tgt Ion: 82 Resp: 436662

Ion	Ratio	Lower	Upper
82	100		
128	37.2	30.0	45.0
54	51.0	41.3	61.9



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.951 min Scan# 1303

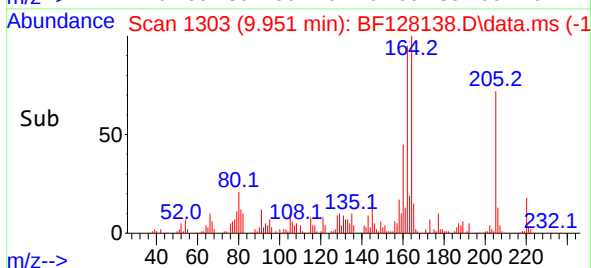
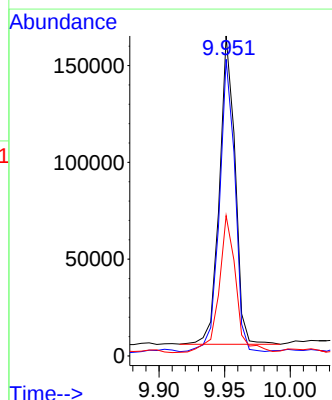
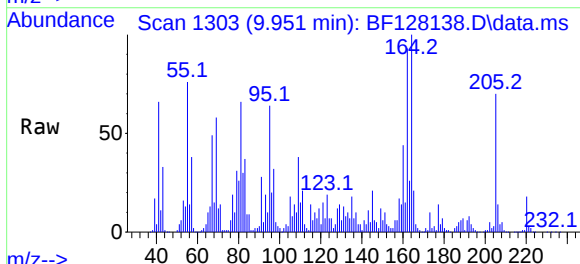
Delta R.T. 0.000 min

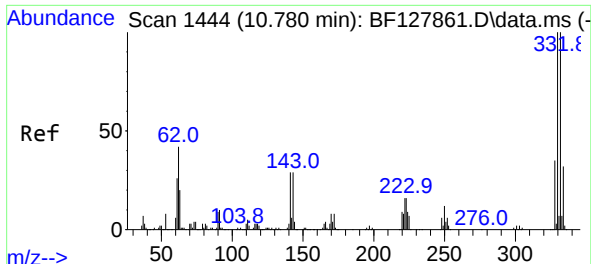
Lab File: BF128138.D

Acq: 06 May 2022 21:52

Tgt Ion: 164 Resp: 131786

Ion	Ratio	Lower	Upper
164	100		
162	92.7	76.0	114.0
160	43.9	34.8	52.2





#42

2,4,6-Tribromophenol

Concen: 88.222 ng

RT: 10.757 min Scan# 1440

Delta R.T. 0.012 min

Lab File: BF128138.D

Acq: 06 May 2022 21:52

Instrument :

BNA_F

ClientSampleId :

24702

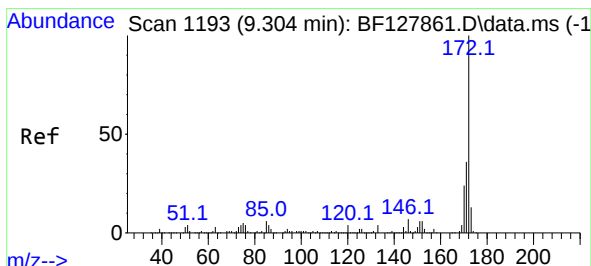
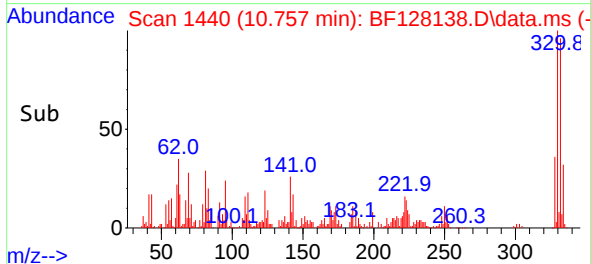
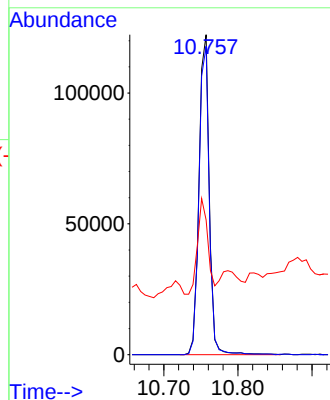
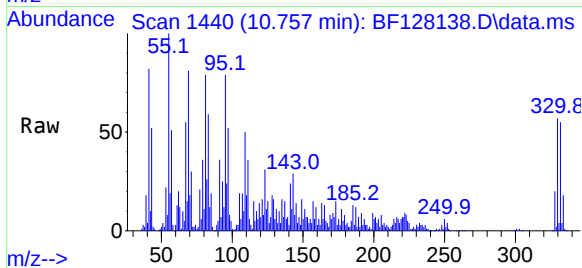
Tgt Ion:330 Resp: 117040

Ion Ratio Lower Upper

330 100

332 96.6 79.0 118.4

141 30.0 28.9 43.3



#45

2-Fluorobiphenyl

Concen: 68.327 ng

RT: 9.263 min Scan# 1186

Delta R.T. -0.006 min

Lab File: BF128138.D

Acq: 06 May 2022 21:52

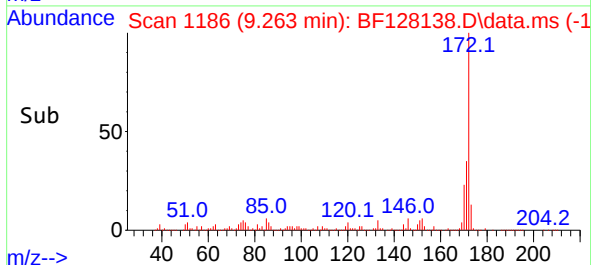
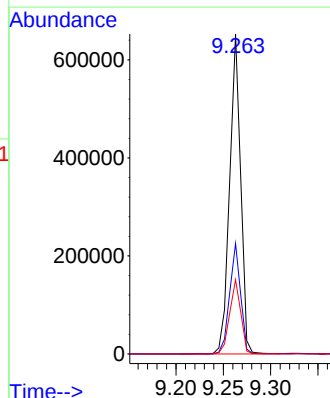
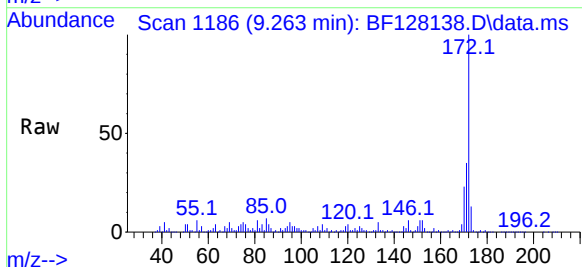
Tgt Ion:172 Resp: 532268

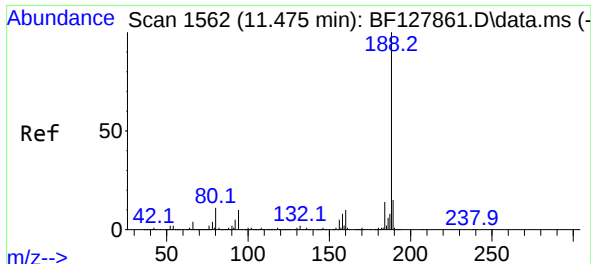
Ion Ratio Lower Upper

172 100

171 34.6 28.6 42.8

170 23.2 19.1 28.7

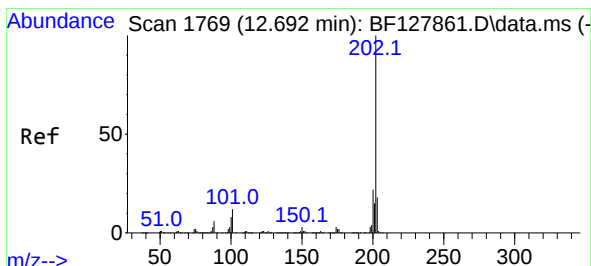
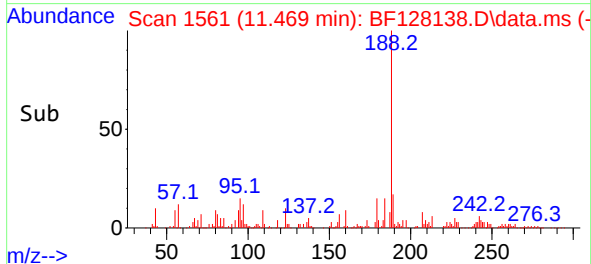
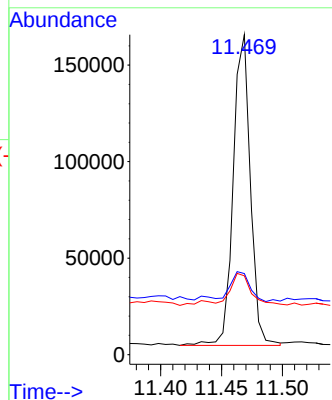
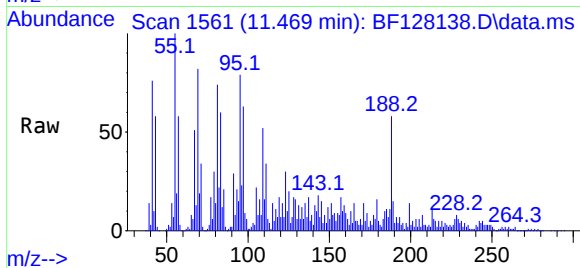




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.469 min Scan# 11
Delta R.T. 0.024 min
Lab File: BF128138.D
Acq: 06 May 2022 21:52

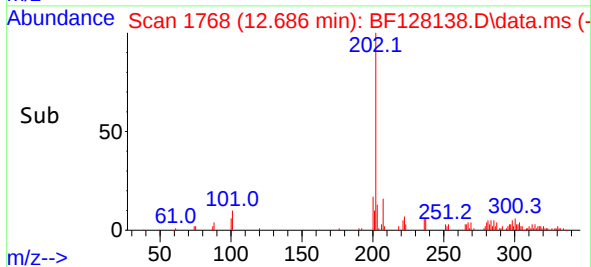
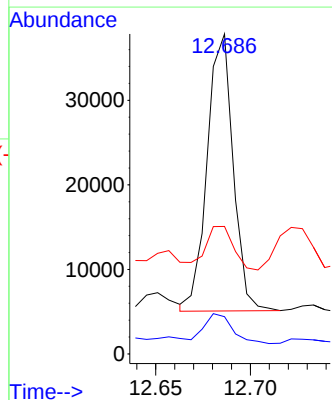
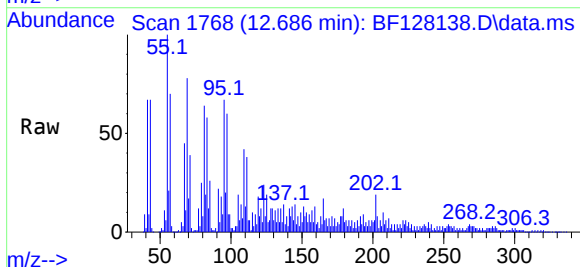
Instrument :
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ClientSampleId :
24702

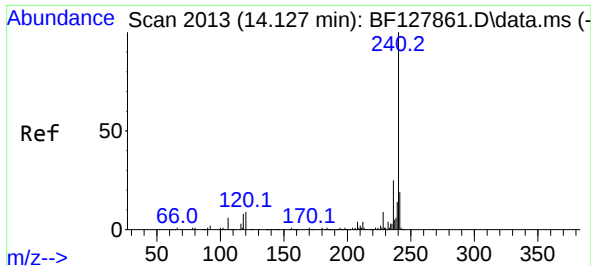
Tgt Ion:188 Resp: 157767
Ion Ratio Lower Upper
188 100
94 25.3 8.0 12.0#
80 24.7 8.9 13.3#



#75
Fluoranthene
Concen: 3.602 ng
RT: 12.686 min Scan# 1768
Delta R.T. 0.024 min
Lab File: BF128138.D
Acq: 06 May 2022 21:52

Tgt Ion:202 Resp: 31307
Ion Ratio Lower Upper
202 100
101 11.7 0.0 31.6
203 39.8 0.0 38.1#

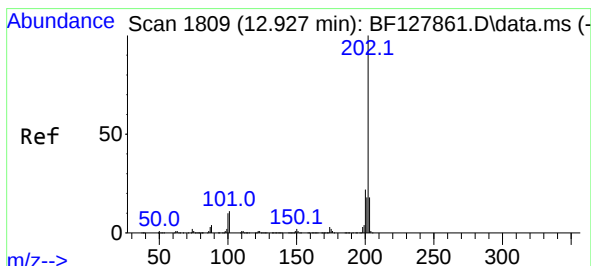
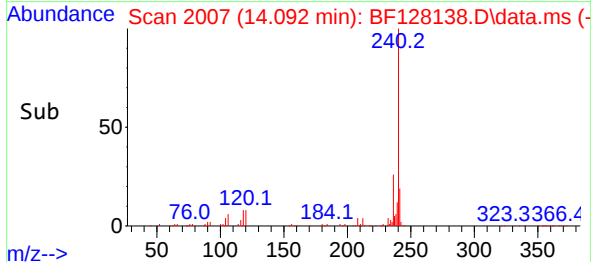
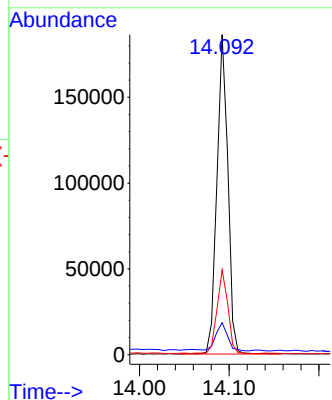
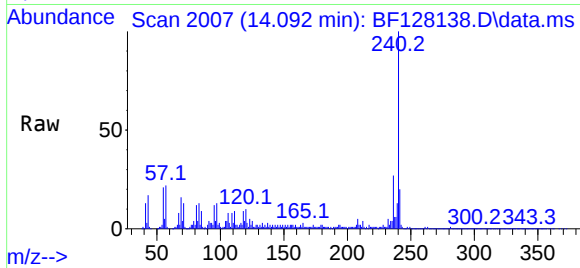




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.092 min Scan# 2013
Delta R.T. 0.000 min
Lab File: BF128138.D
Acq: 06 May 2022 21:52

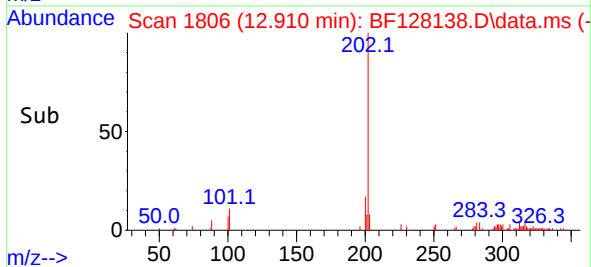
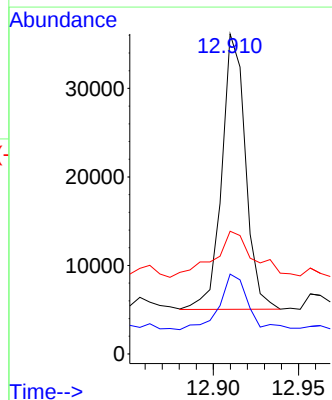
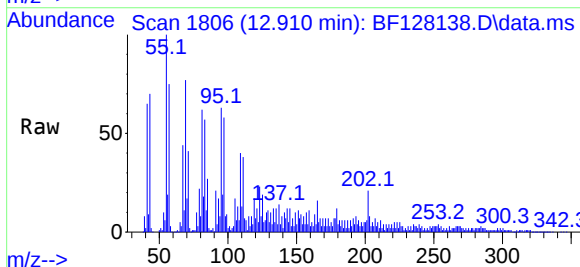
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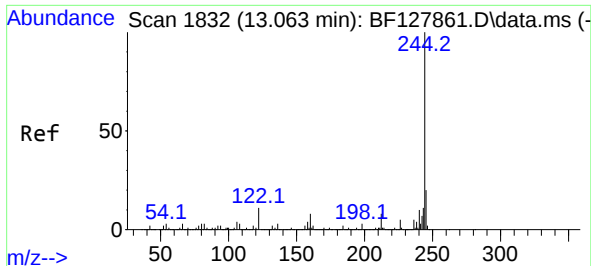
Tgt Ion:240 Resp: 158172
Ion Ratio Lower Upper
240 100
120 10.0 7.0 10.6
236 26.5 20.3 30.5



#78
Pyrene
Concen: 2.360 ng
RT: 12.910 min Scan# 1806
Delta R.T. 0.018 min
Lab File: BF128138.D
Acq: 06 May 2022 21:52

Tgt Ion:202 Resp: 30133
Ion Ratio Lower Upper
202 100
200 24.9 17.4 26.2
203 38.4 14.0 21.0#

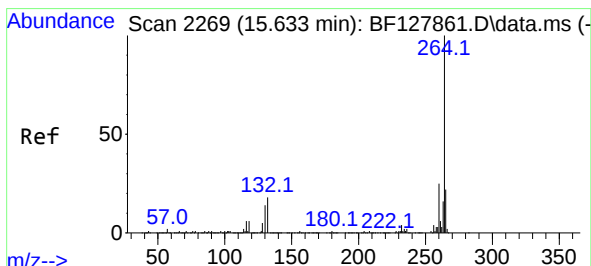
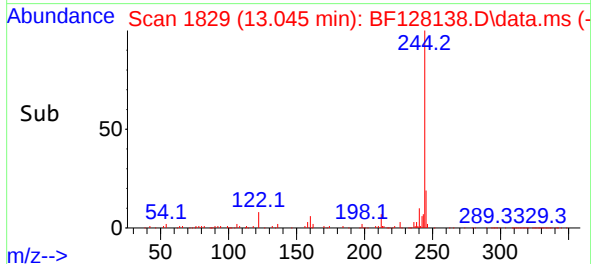
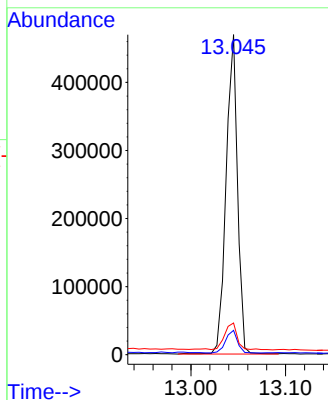
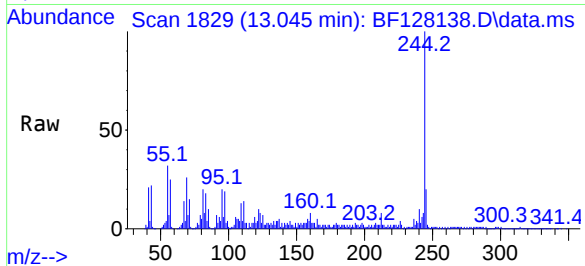




#79
 Terphenyl-d14
 Concen: 45.432 ng
 RT: 13.045 min Scan# 1829
 Delta R.T. 0.012 min
 Lab File: BF128138.D
 Acq: 06 May 2022 21:52

Instrument :
 BNA_F
 ClientSampleId :
 24702

Tgt Ion:244 Resp: 392994
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.2 9.4
 122 9.9 8.6 12.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.586 min Scan# 2261
 Delta R.T. -0.006 min
 Lab File: BF128138.D
 Acq: 06 May 2022 21:52

Tgt Ion:264 Resp: 177956
 Ion Ratio Lower Upper
 264 100
 260 22.7 20.1 30.1
 265 21.0 17.5 26.3

