

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010422\
 Data File : BF126472.D
 Acq On : 4 Jan 2022 17:29
 Operator : JU/CG
 Sample : M5331-02
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-1

Quant Time: Jan 05 01:59:54 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)

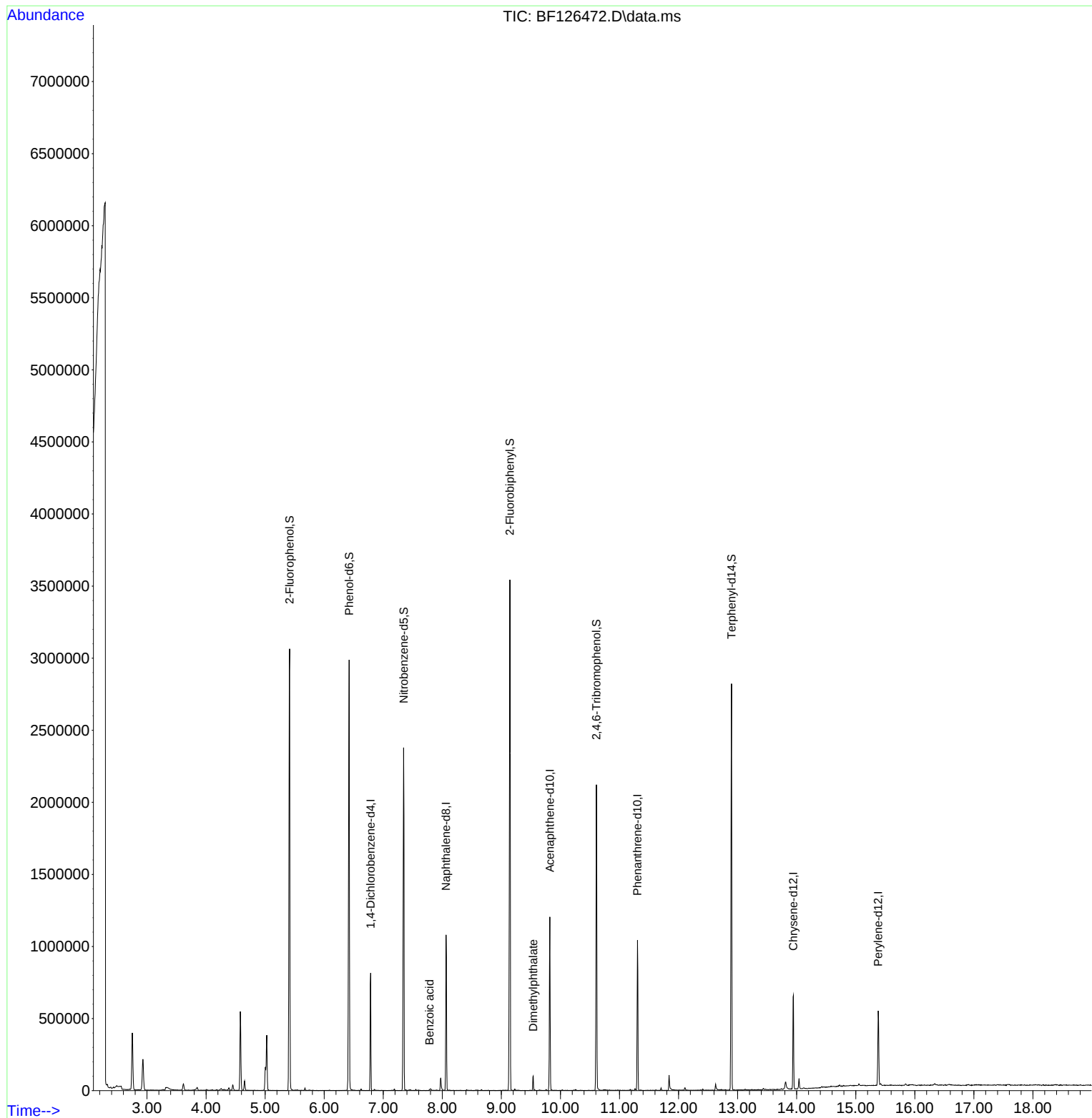
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.786	152	118381	20.000	ng	0.00
21) Naphthalene-d8	8.063	136	502422	20.000	ng	0.00
39) Acenaphthene-d10	9.822	164	231504	20.000	ng	0.00
64) Phenanthrene-d10	11.304	188	351109	20.000	ng	0.00
76) Chrysene-d12	13.945	240	218209	20.000	ng	0.00
86) Perylene-d12	15.380	264	200038	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	983181	119.268	ng	0.02
7) Phenol-d6	6.422	99	1123840	105.258	ng	0.00
23) Nitrobenzene-d5	7.345	82	880480	89.983	ng	0.00
42) 2,4,6-Tribromophenol	10.610	330	258086	144.268	ng	0.00
45) 2-Fluorobiphenyl	9.145	172	1223028	92.966	ng	0.00
79) Terphenyl-d14	12.898	244	973831	86.710	ng	0.00
Target Compounds						
32) Benzoic acid	7.786	122	3693	7.715	ng	91
50) Dimethylphthalate	9.539	163	40256	2.785	ng	98

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

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QLast Update : Wed Jan 05 01:57:07 2022
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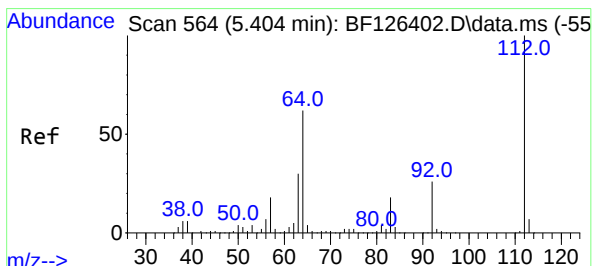
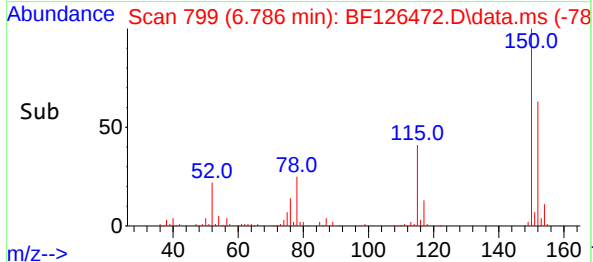
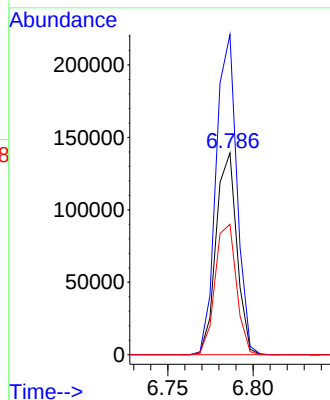
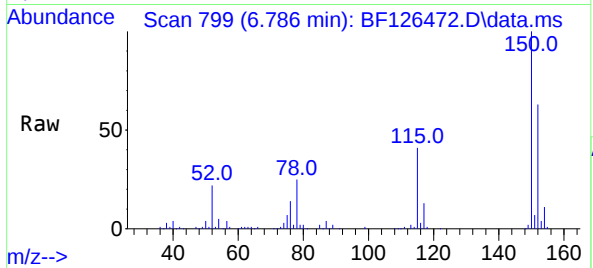




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.786 min Scan# 79
Delta R.T. 0.000 min
Lab File: BF126472.D
Acq: 4 Jan 2022 17:29

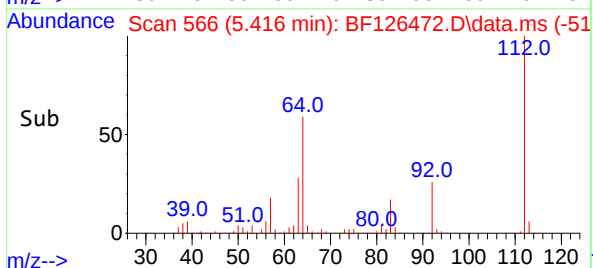
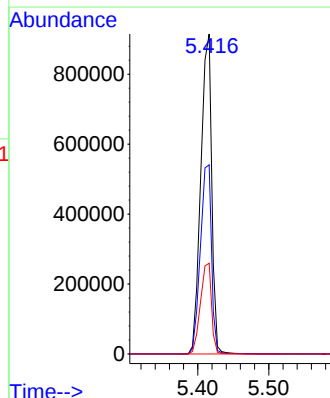
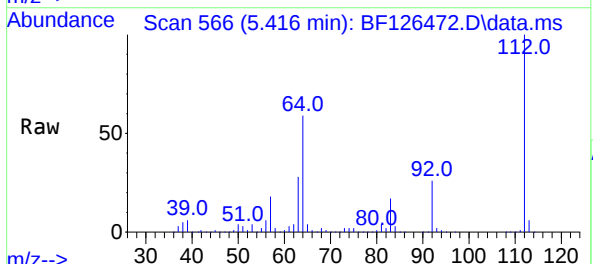
Instrument :
BNA_F
ClientSampleId :
WC-1

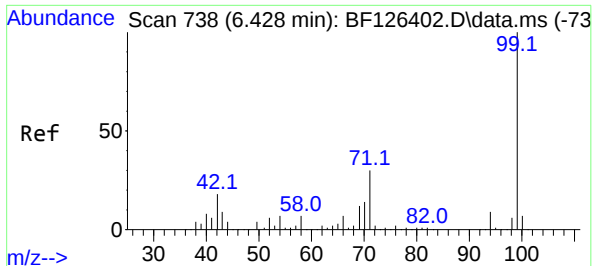
Tgt Ion:152 Resp: 118381
Ion Ratio Lower Upper
152 100
150 158.6 128.1 192.1
115 64.6 56.7 85.1



#5
2-Fluorophenol
Concen: 119.268 ng
RT: 5.416 min Scan# 566
Delta R.T. 0.024 min
Lab File: BF126472.D
Acq: 4 Jan 2022 17:29

Tgt Ion:112 Resp: 983181
Ion Ratio Lower Upper
112 100
64 59.1 49.5 74.3
63 28.3 23.9 35.9

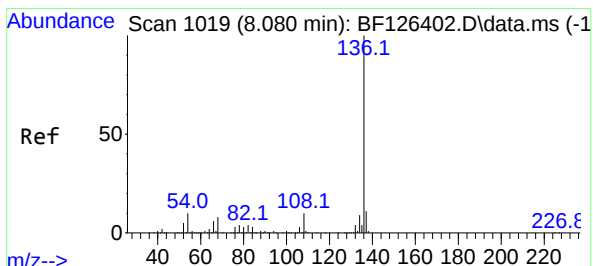
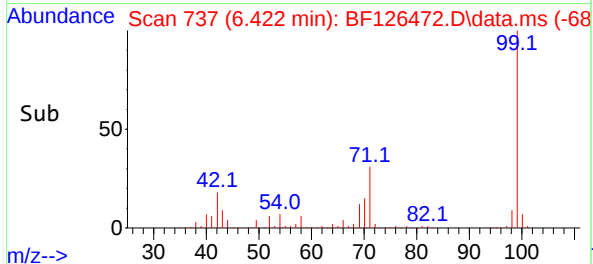
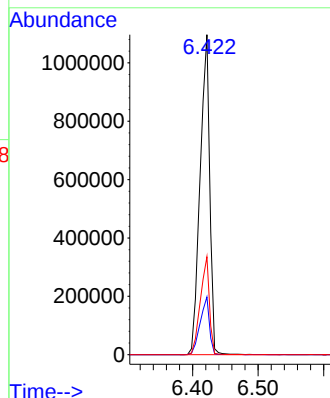
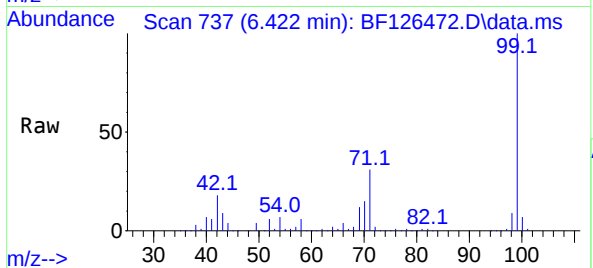




#7
Phenol-d6
Concen: 105.258 ng
RT: 6.422 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF126472.D
Acq: 4 Jan 2022 17:29

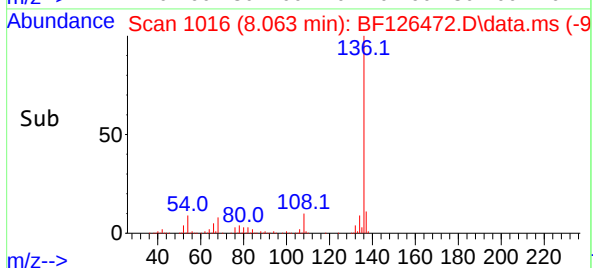
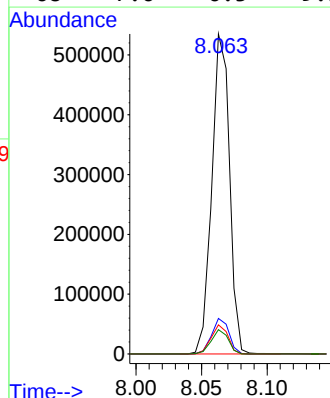
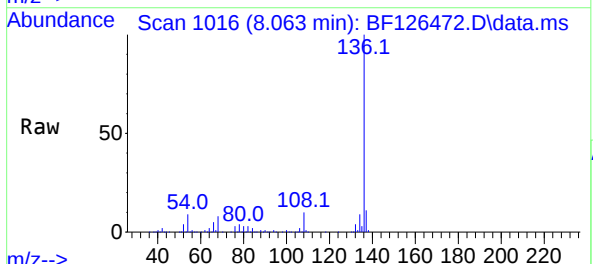
Instrument :
BNA_F
ClientSampleId :
WC-1

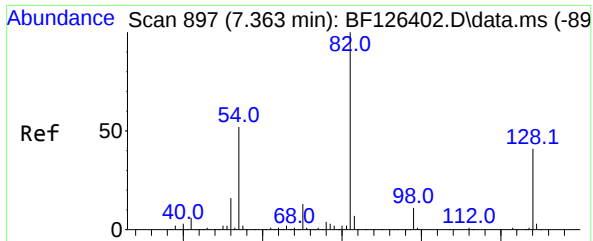
Tgt Ion: 99 Resp: 1123840
Ion Ratio Lower Upper
99 100
42 18.1 14.2 21.4
71 30.6 24.3 36.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.063 min Scan# 1016
Delta R.T. -0.006 min
Lab File: BF126472.D
Acq: 4 Jan 2022 17:29

Tgt Ion:136 Resp: 502422
Ion Ratio Lower Upper
136 100
137 11.1 8.6 13.0
54 9.1 7.8 11.6
68 7.6 6.3 9.5

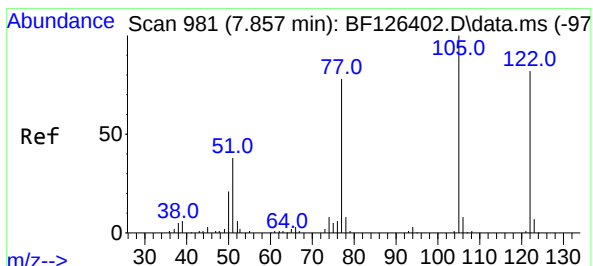
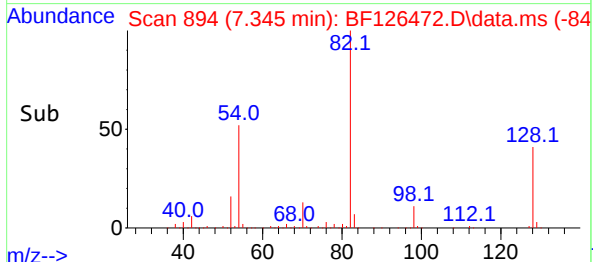
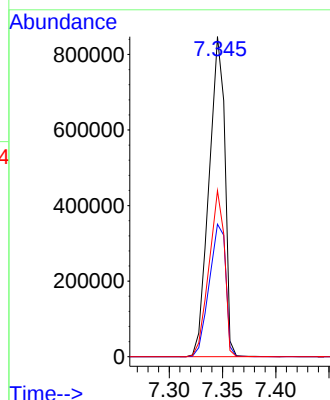
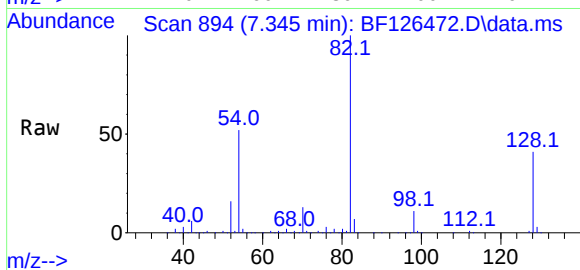




#23
Nitrobenzene-d5
Concen: 89.983 ng
RT: 7.345 min Scan# 89
Delta R.T. -0.006 min
Lab File: BF126472.D
Acq: 4 Jan 2022 17:29

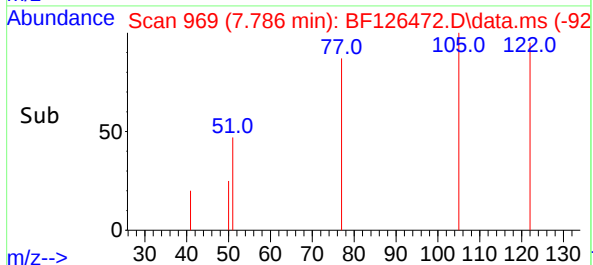
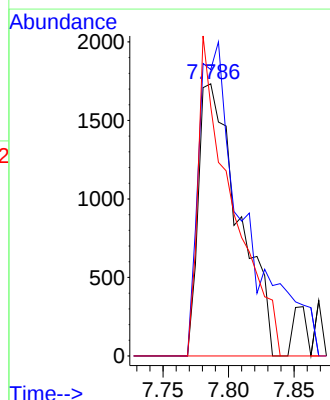
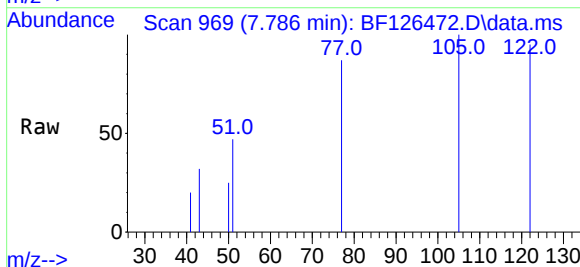
Instrument :
BNA_F
ClientSampleId :
WC-1

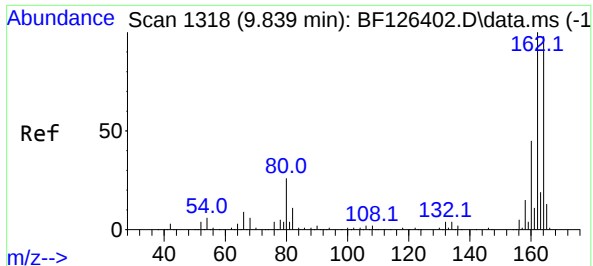
Tgt Ion: 82 Resp: 880480
Ion Ratio Lower Upper
82 100
128 41.4 32.7 49.1
54 51.9 41.7 62.5



#32
Benzoic acid
Concen: 7.715 ng
RT: 7.786 min Scan# 969
Delta R.T. -0.059 min
Lab File: BF126472.D
Acq: 4 Jan 2022 17:29

Tgt Ion:122 Resp: 3693
Ion Ratio Lower Upper
122 100
105 105.3 101.0 141.0
77 91.7 74.5 114.5





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.822 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF126472.D

Acq: 4 Jan 2022 17:29

Instrument :

BNA_F

ClientSampleId :

WC-1

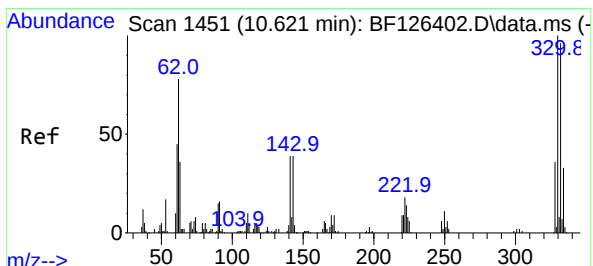
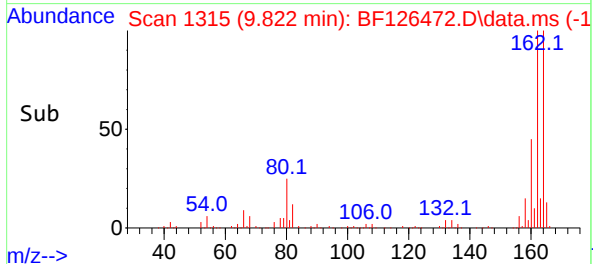
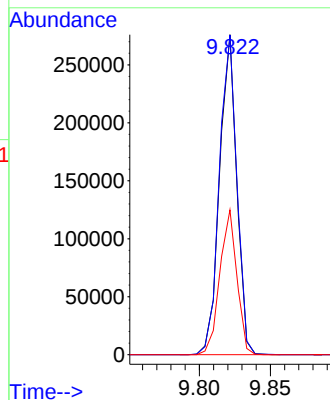
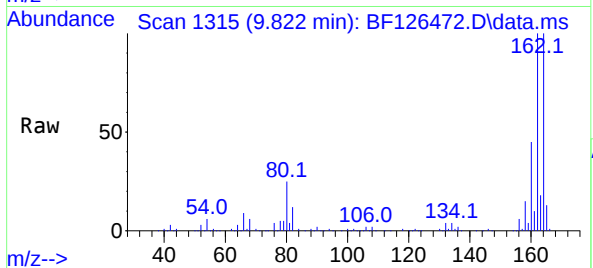
Tgt Ion:164 Resp: 231504

Ion Ratio Lower Upper

164 100

162 99.9 81.4 122.0

160 45.2 36.6 54.8



#42

2,4,6-Tribromophenol

Concen: 144.268 ng

RT: 10.610 min Scan# 1449

Delta R.T. -0.006 min

Lab File: BF126472.D

Acq: 4 Jan 2022 17:29

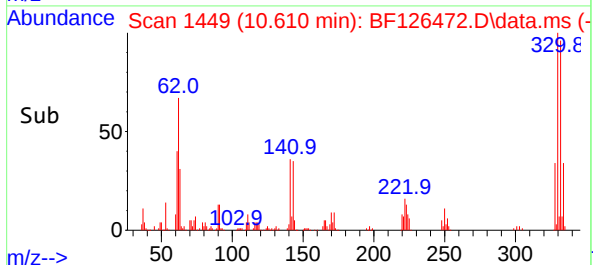
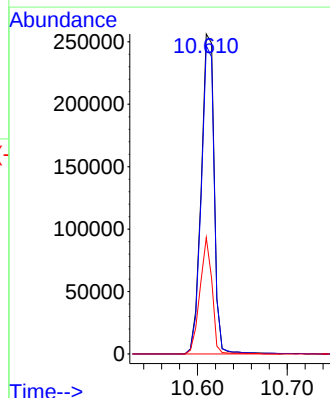
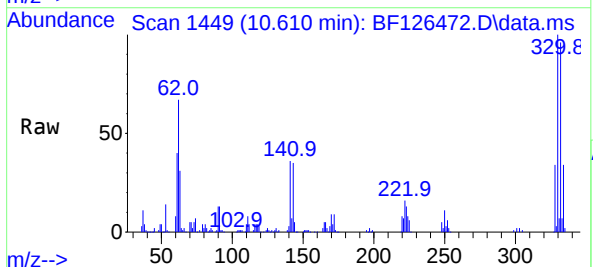
Tgt Ion:330 Resp: 258086

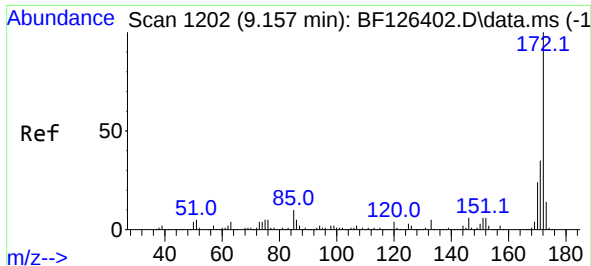
Ion Ratio Lower Upper

330 100

332 95.8 76.0 114.0

141 33.8 30.1 45.1





#45

2-Fluorobiphenyl

Concen: 92.966 ng

RT: 9.145 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF126472.D

Acq: 4 Jan 2022 17:29

Instrument :

BNA_F

ClientSampleId :

WC-1

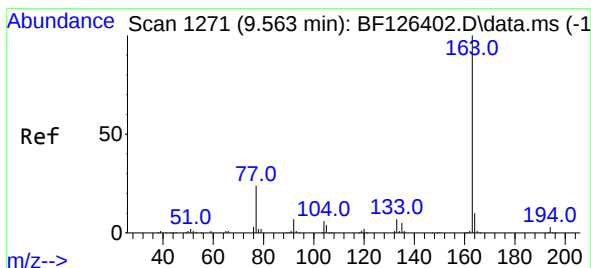
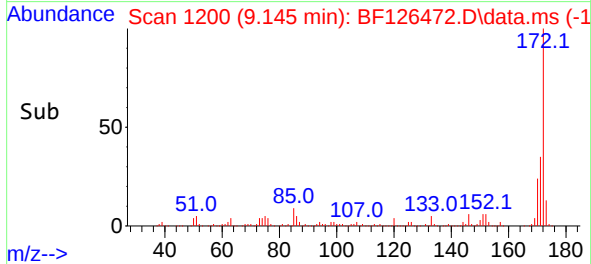
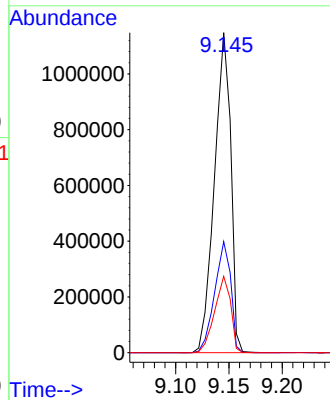
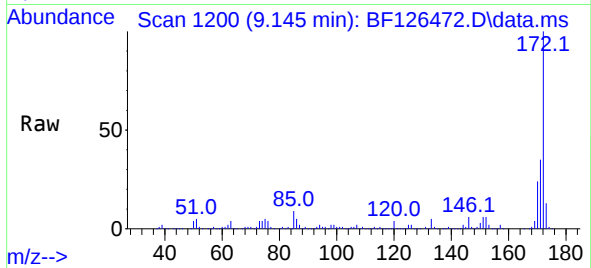
Tgt Ion:172 Resp: 1223028

Ion Ratio Lower Upper

172 100

171 34.7 28.3 42.5

170 23.8 19.0 28.6



#50

Dimethylphthalate

Concen: 2.785 ng

RT: 9.539 min Scan# 1267

Delta R.T. -0.012 min

Lab File: BF126472.D

Acq: 4 Jan 2022 17:29

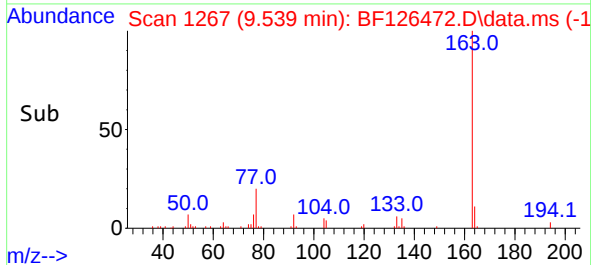
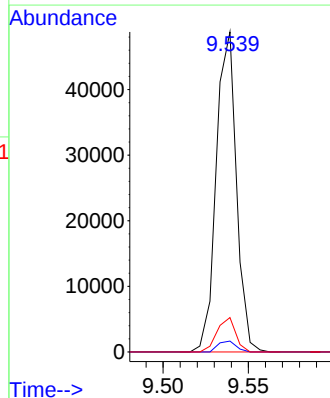
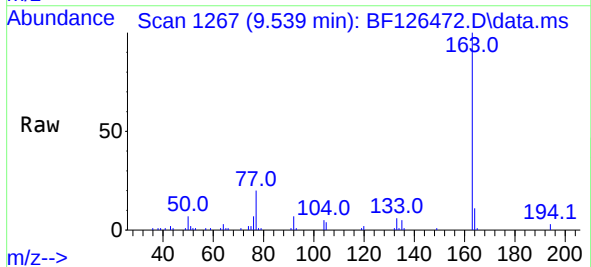
Tgt Ion:163 Resp: 40256

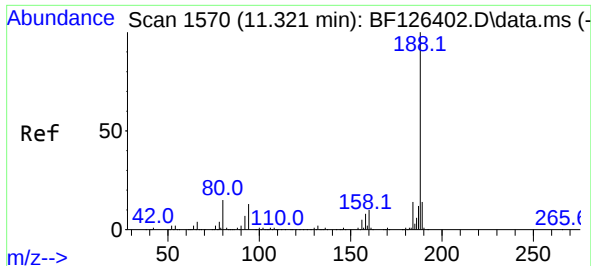
Ion Ratio Lower Upper

163 100

194 3.4 2.6 3.8

164 10.7 7.8 11.8

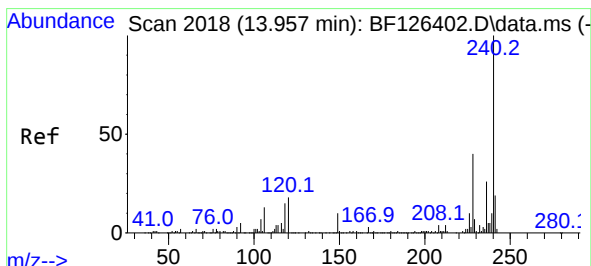
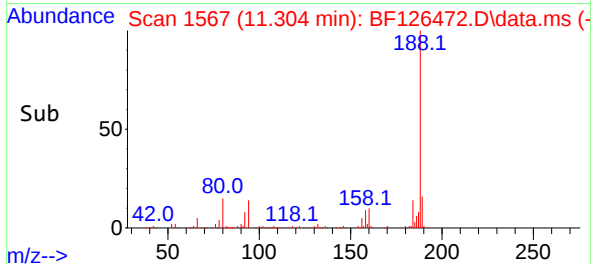
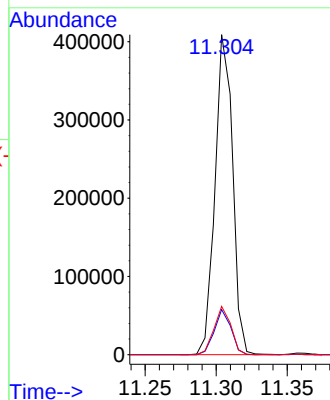
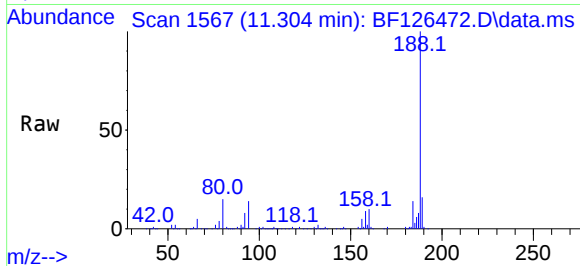




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.304 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF126472.D
Acq: 4 Jan 2022 17:29

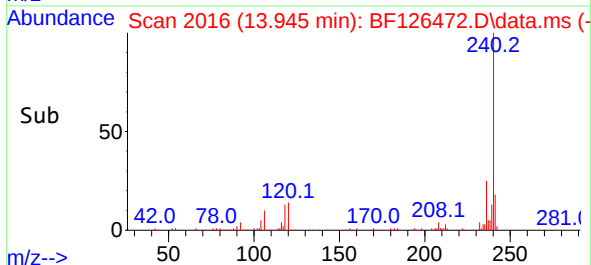
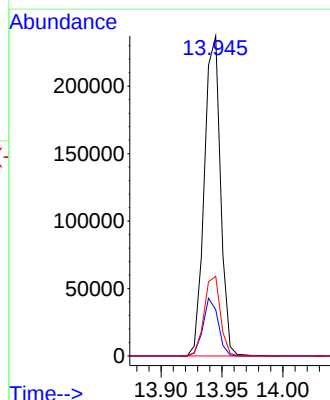
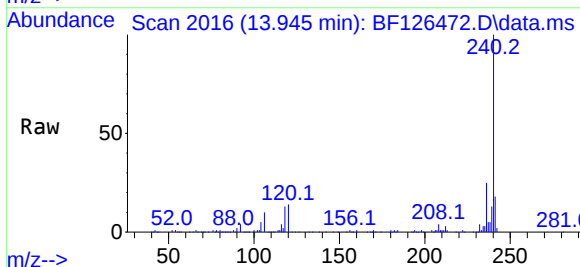
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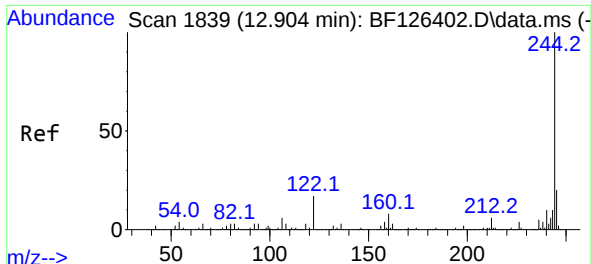
Tgt Ion:188 Resp: 351109
Ion Ratio Lower Upper
188 100
94 14.1 10.1 15.1
80 15.1 11.8 17.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.945 min Scan# 2016
Delta R.T. -0.006 min
Lab File: BF126472.D
Acq: 4 Jan 2022 17:29

Tgt Ion:240 Resp: 218209
Ion Ratio Lower Upper
240 100
120 14.5 14.4 21.6
236 24.9 20.5 30.7

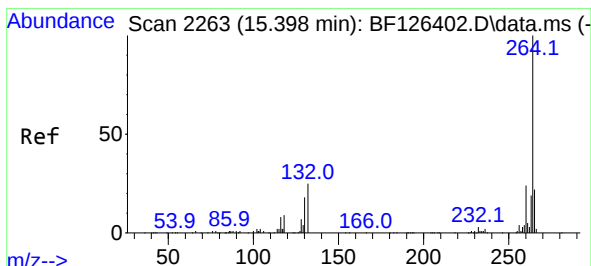
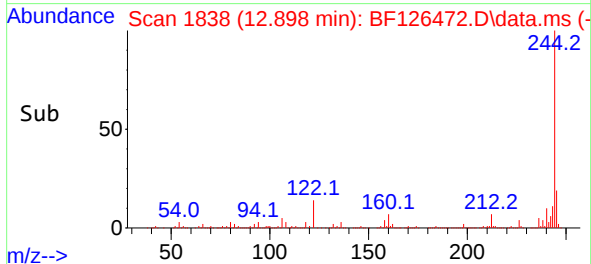
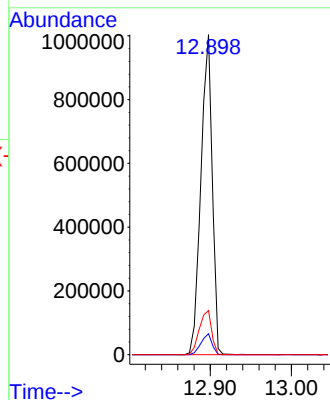
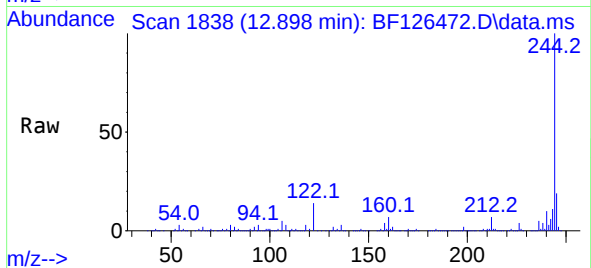




#79
 Terphenyl-d14
 Concen: 86.710 ng
 RT: 12.898 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF126472.D
 Acq: 4 Jan 2022 17:29

Instrument :
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 ClientSampleId :
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Tgt Ion:244 Resp: 973831
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.0 7.4
 122 13.8 13.3 19.9



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.380 min Scan# 2260
 Delta R.T. -0.006 min
 Lab File: BF126472.D
 Acq: 4 Jan 2022 17:29

Tgt Ion:264 Resp: 200038
 Ion Ratio Lower Upper
 264 100
 260 23.3 19.2 28.8
 265 22.2 17.4 26.2

