

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022522\
 Data File : BF127088.D
 Acq On : 25 Feb 2022 23:20
 Operator : CG\JU
 Sample : N1663-01 10X
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CL-02-022422

Quant Time: Feb 26 01:41:27 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 24 02:10:57 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	111503	20.000	ng	-0.01
21) Naphthalene-d8	8.186	136	414786	20.000	ng	# 0.00
39) Acenaphthene-d10	9.939	164	179053	20.000	ng	-0.01
64) Phenanthrene-d10	11.433	188	250132	20.000	ng	#-0.01
76) Chrysene-d12	14.080	240	212375	20.000	ng	# 0.00
86) Perylene-d12	15.580	264	191329	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	48926	6.782	ng	-0.01
7) Phenol-d6	6.522	99	63692	6.543	ng	-0.02
23) Nitrobenzene-d5	7.457	82	41675	4.535	ng	-0.02
42) 2,4,6-Tribromophenol	10.733	330	10577	5.131	ng	-0.01
45) 2-Fluorobiphenyl	9.257	172	67298	5.533	ng	-0.01
79) Terphenyl-d14	13.016	244	53843	3.727	ng	-0.01

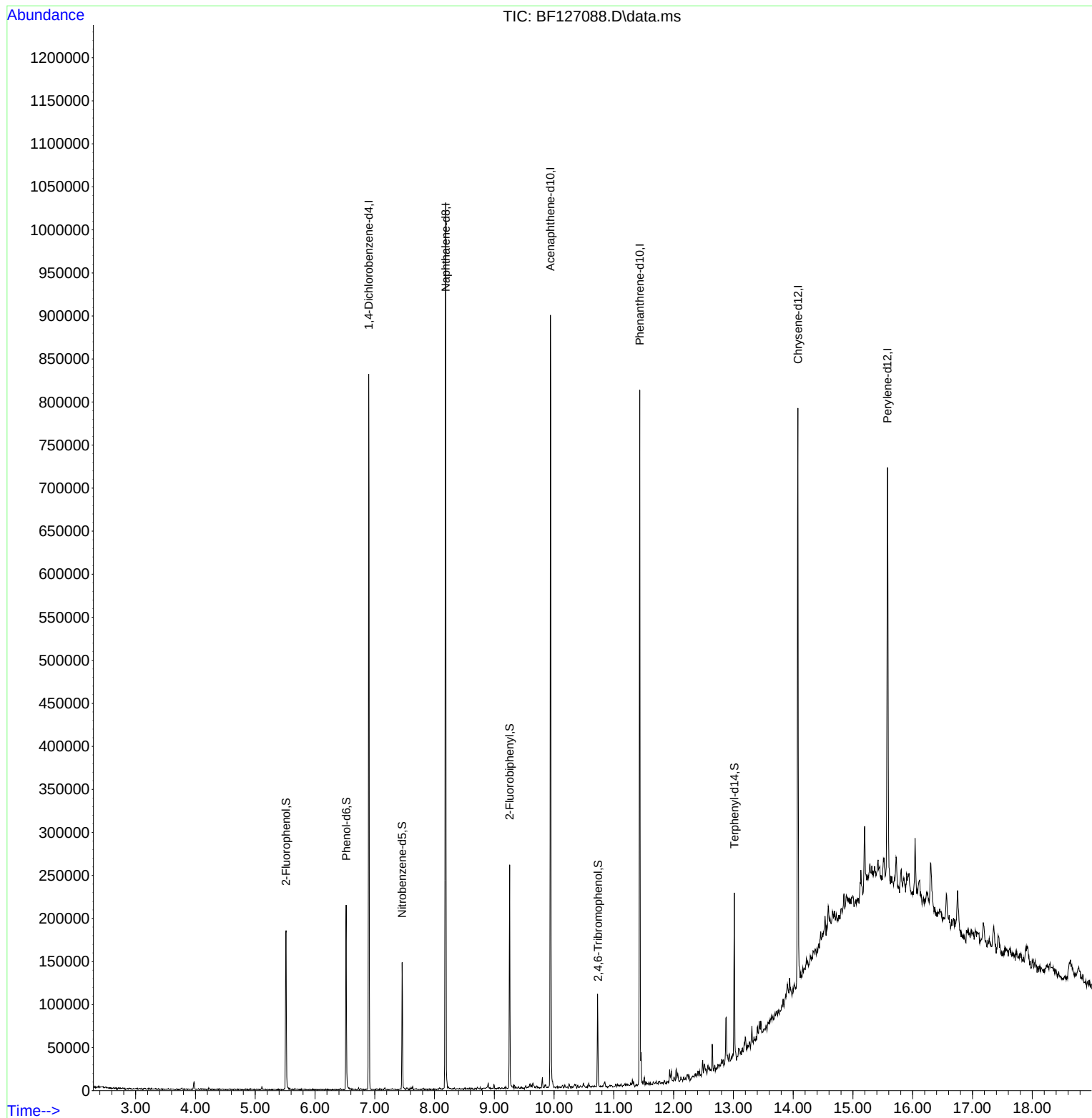
Target Compounds	Qvalue
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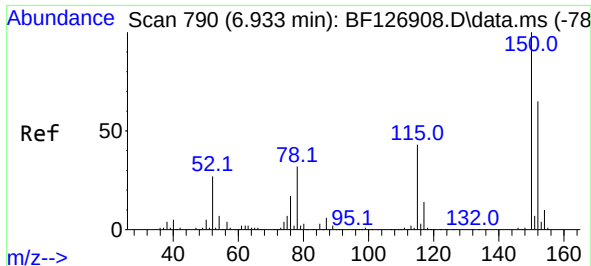
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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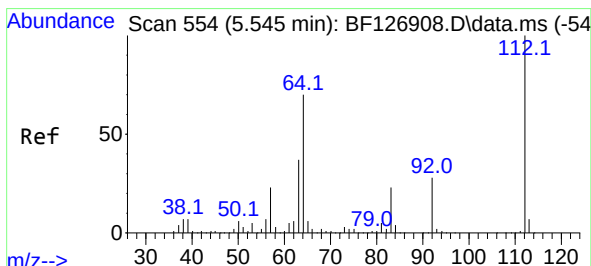
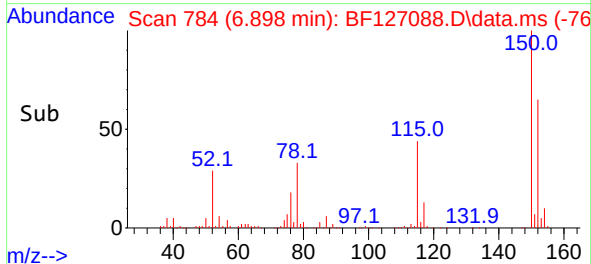
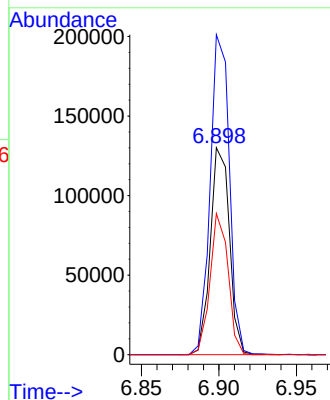
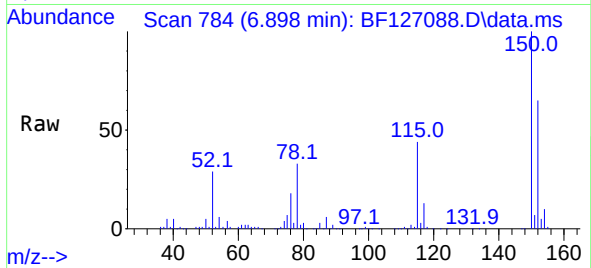




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.898 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF127088.D
Acq: 25 Feb 2022 23:20

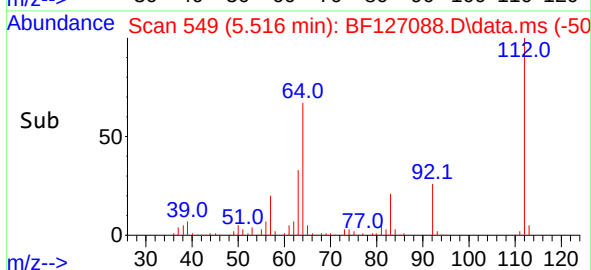
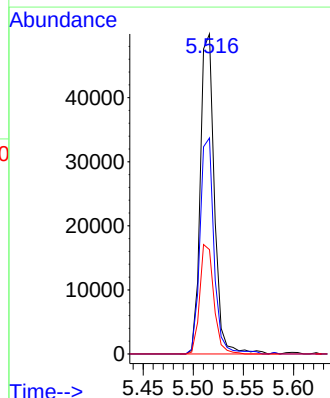
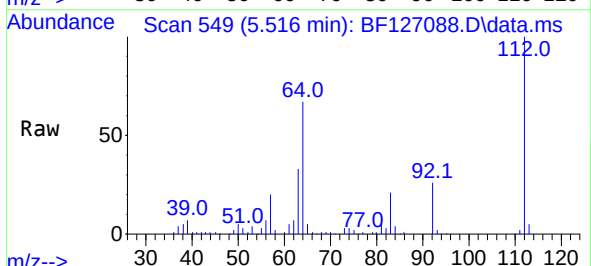
Instrument :
BNA_F
ClientSampleId :
CL-02-022422

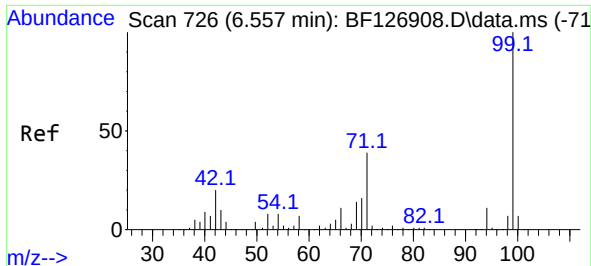
Tgt Ion:152 Resp: 111503
Ion Ratio Lower Upper
152 100
150 154.5 128.1 192.1
115 68.2 56.7 85.1



#5
2-Fluorophenol
Concen: 6.782 ng
RT: 5.516 min Scan# 549
Delta R.T. -0.012 min
Lab File: BF127088.D
Acq: 25 Feb 2022 23:20

Tgt Ion:112 Resp: 48926
Ion Ratio Lower Upper
112 100
64 67.5 49.5 74.3
63 32.6 23.9 35.9

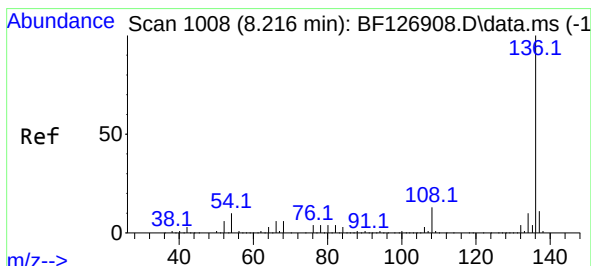
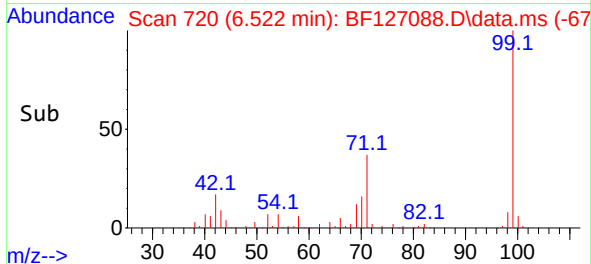
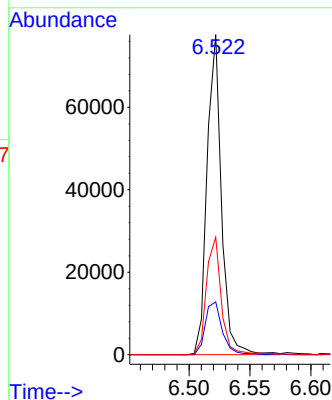
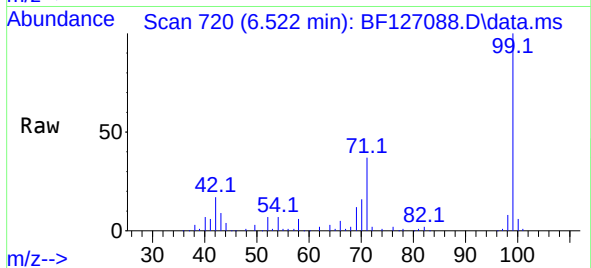




#7
Phenol-d6
Concen: 6.543 ng
RT: 6.522 min Scan# 71
Delta R.T. -0.018 min
Lab File: BF127088.D
Acq: 25 Feb 2022 23:20

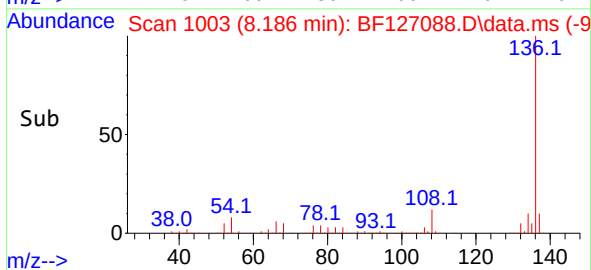
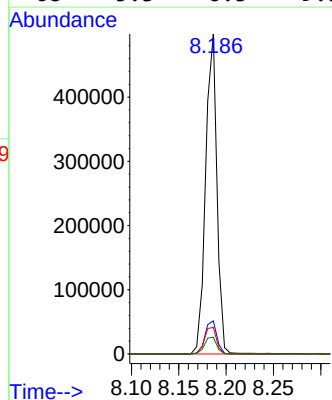
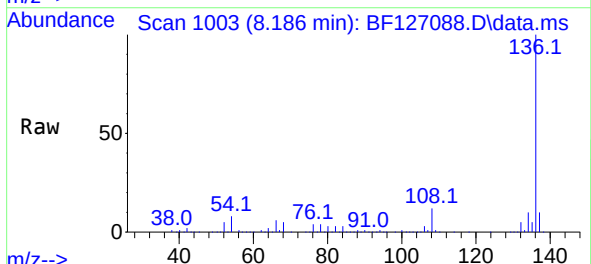
Instrument :
BNA_F
ClientSampleId :
CL-02-022422

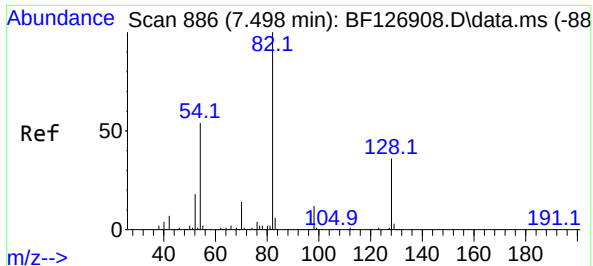
Tgt Ion: 99 Resp: 63692
Ion Ratio Lower Upper
99 100
42 16.5 14.2 21.4
71 36.7 24.3 36.5#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.186 min Scan# 1003
Delta R.T. -0.006 min
Lab File: BF127088.D
Acq: 25 Feb 2022 23:20

Tgt Ion: 136 Resp: 414786
Ion Ratio Lower Upper
136 100
137 10.3 8.6 13.0
54 8.3 7.8 11.6
68 5.3 6.3 9.5#





#23

Nitrobenzene-d5

Concen: 4.535 ng

RT: 7.457 min Scan# 81

Delta R.T. -0.018 min

Lab File: BF127088.D

Acq: 25 Feb 2022 23:20

Instrument :

BNA_F

ClientSampleId :

CL-02-022422

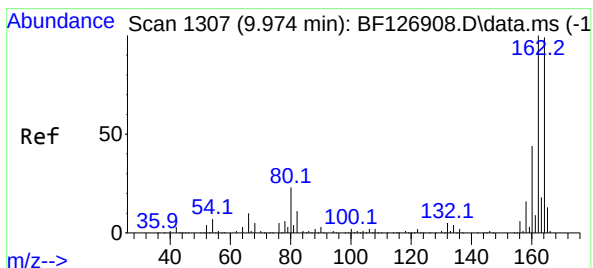
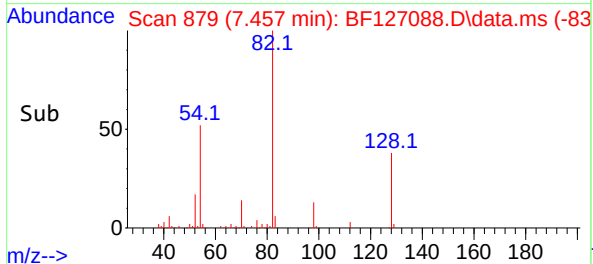
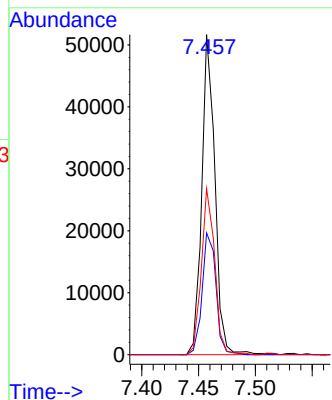
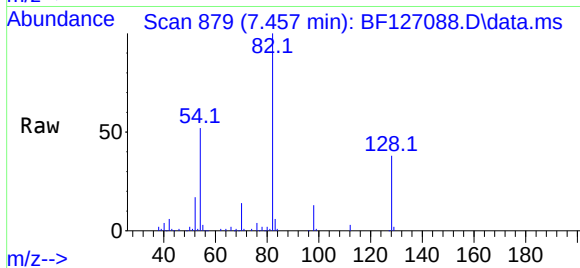
Tgt Ion: 82 Resp: 41675

Ion Ratio Lower Upper

82 100

128 38.1 32.7 49.1

54 51.9 41.7 62.5



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.939 min Scan# 1301

Delta R.T. -0.012 min

Lab File: BF127088.D

Acq: 25 Feb 2022 23:20

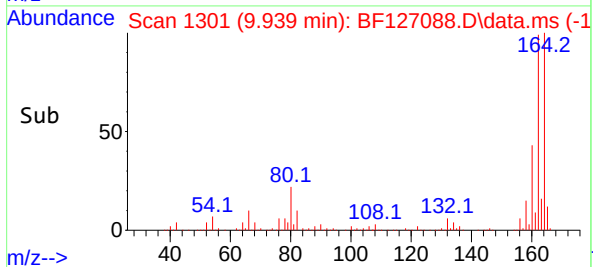
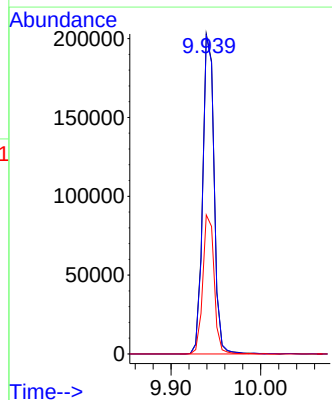
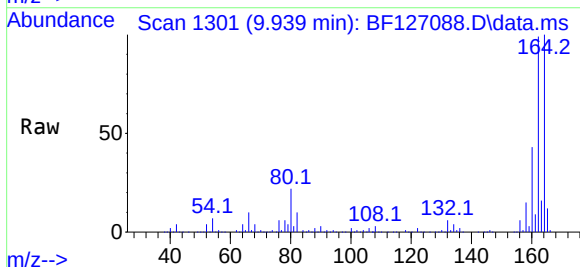
Tgt Ion: 164 Resp: 179053

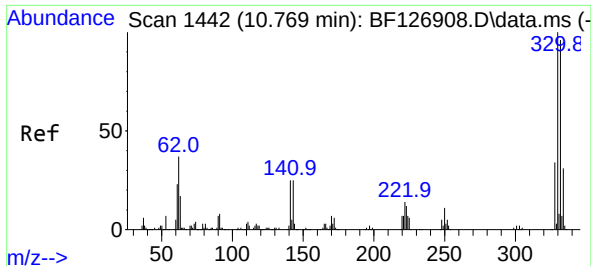
Ion Ratio Lower Upper

164 100

162 99.5 81.4 122.0

160 43.5 36.6 54.8





#42

2,4,6-Tribromophenol

Concen: 5.131 ng

RT: 10.733 min Scan# 1442

Delta R.T. -0.012 min

Lab File: BF127088.D

Acq: 25 Feb 2022 23:20

Instrument :

BNA_F

ClientSampleId :

CL-02-022422

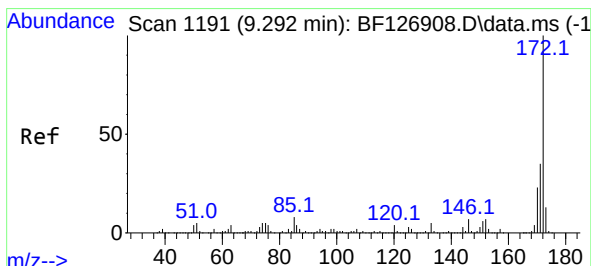
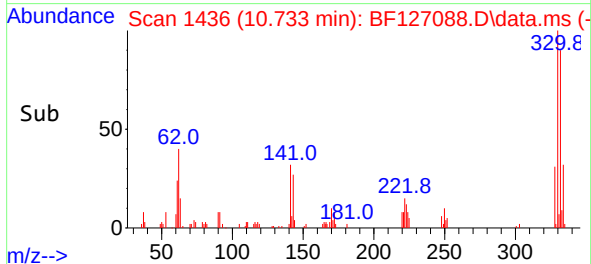
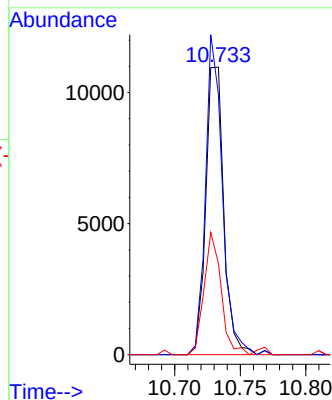
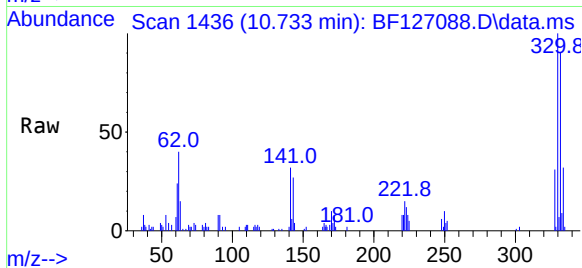
Tgt Ion: 330 Resp: 10577

Ion Ratio Lower Upper

330 100

332 103.1 76.0 114.0

141 40.0 30.1 45.1



#45

2-Fluorobiphenyl

Concen: 5.533 ng

RT: 9.257 min Scan# 1185

Delta R.T. -0.012 min

Lab File: BF127088.D

Acq: 25 Feb 2022 23:20

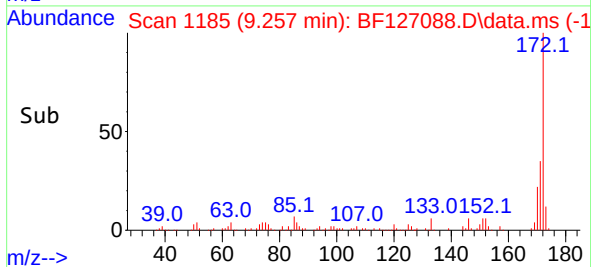
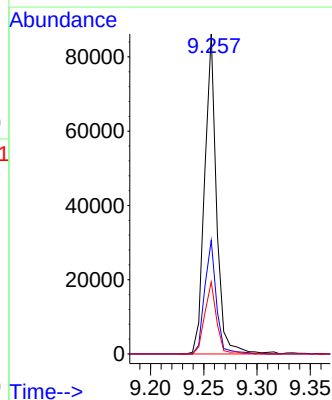
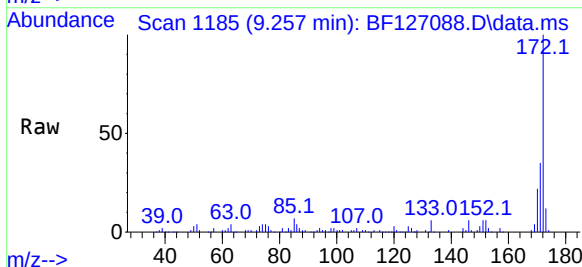
Tgt Ion: 172 Resp: 67298

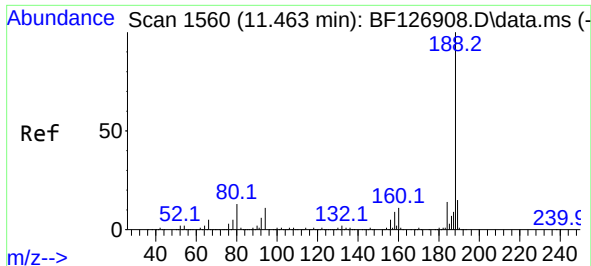
Ion Ratio Lower Upper

172 100

171 35.5 28.3 42.5

170 22.5 19.0 28.6

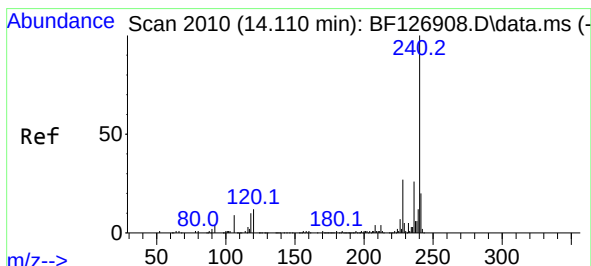
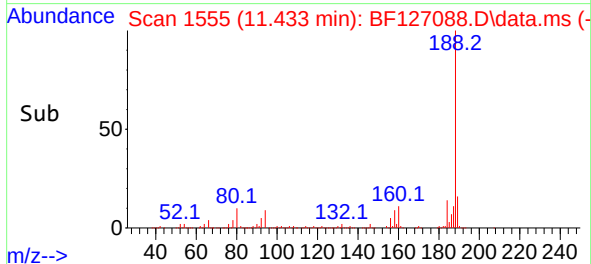
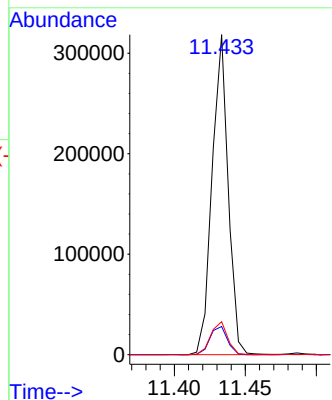
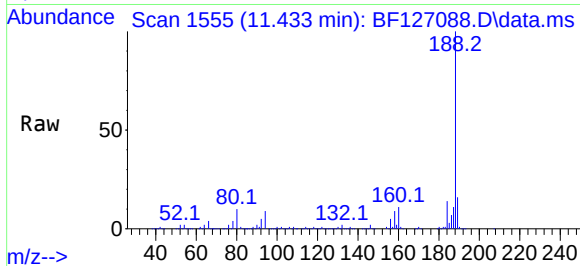




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.433 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF127088.D
Acq: 25 Feb 2022 23:20

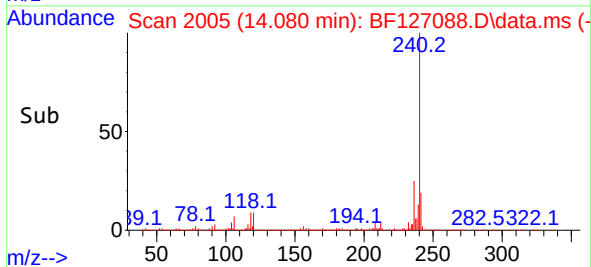
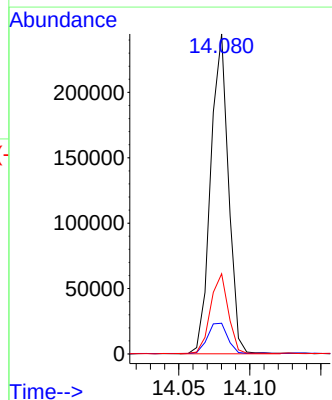
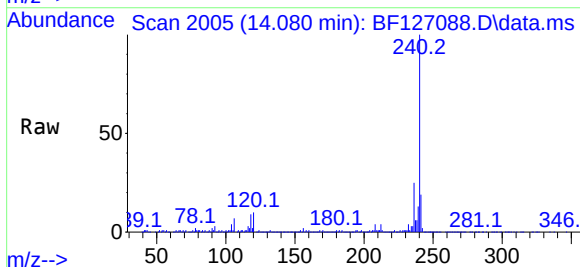
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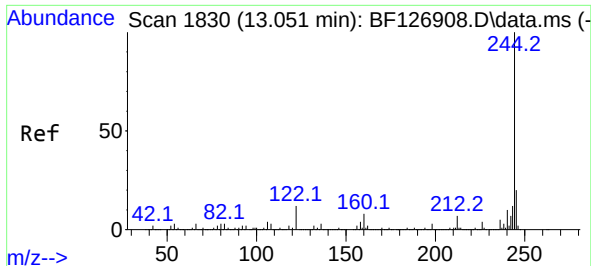
Tgt Ion:188 Resp: 250132
Ion Ratio Lower Upper
188 100
94 8.8 10.1 15.1#
80 10.3 11.8 17.6#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.080 min Scan# 2005
Delta R.T. -0.006 min
Lab File: BF127088.D
Acq: 25 Feb 2022 23:20

Tgt Ion:240 Resp: 212375
Ion Ratio Lower Upper
240 100
120 9.6 14.4 21.6#
236 25.1 20.5 30.7

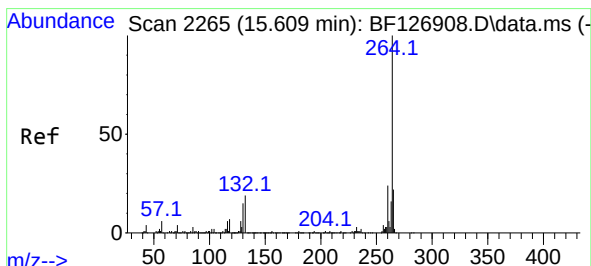
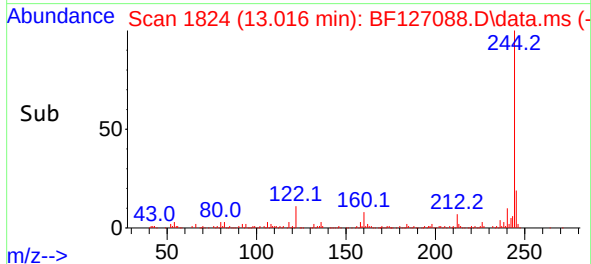
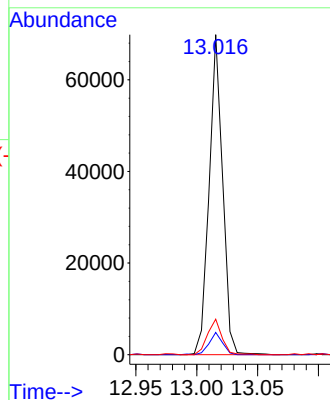
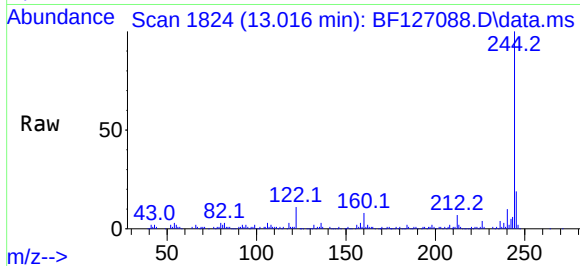




#79
Terphenyl-d14
Concen: 3.727 ng
RT: 13.016 min Scan# 1824
Delta R.T. -0.012 min
Lab File: BF127088.D
Acq: 25 Feb 2022 23:20

Instrument :
BNA_F
ClientSampleId :
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Tgt Ion:	244	Resp:	53843
Ion Ratio	Lower	Upper	
244	100		
212	6.9	5.0	7.4
122	11.1	13.3	19.9#



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.580 min Scan# 2260
Delta R.T. -0.006 min
Lab File: BF127088.D
Acq: 25 Feb 2022 23:20

Tgt Ion:	264	Resp:	191329
Ion Ratio	Lower	Upper	
264	100		
260	25.6	19.2	28.8
265	22.3	17.4	26.2

