

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF041922\
 Data File : BF127848.D
 Acq On : 19 Apr 2022 18:42
 Operator : CG\JU
 Sample : N2434-02
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RCA-EDISON-PILE-1

Quant Time: Apr 20 03:54:15 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF041922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 19 17:31:18 2022
 Response via : Initial Calibration

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

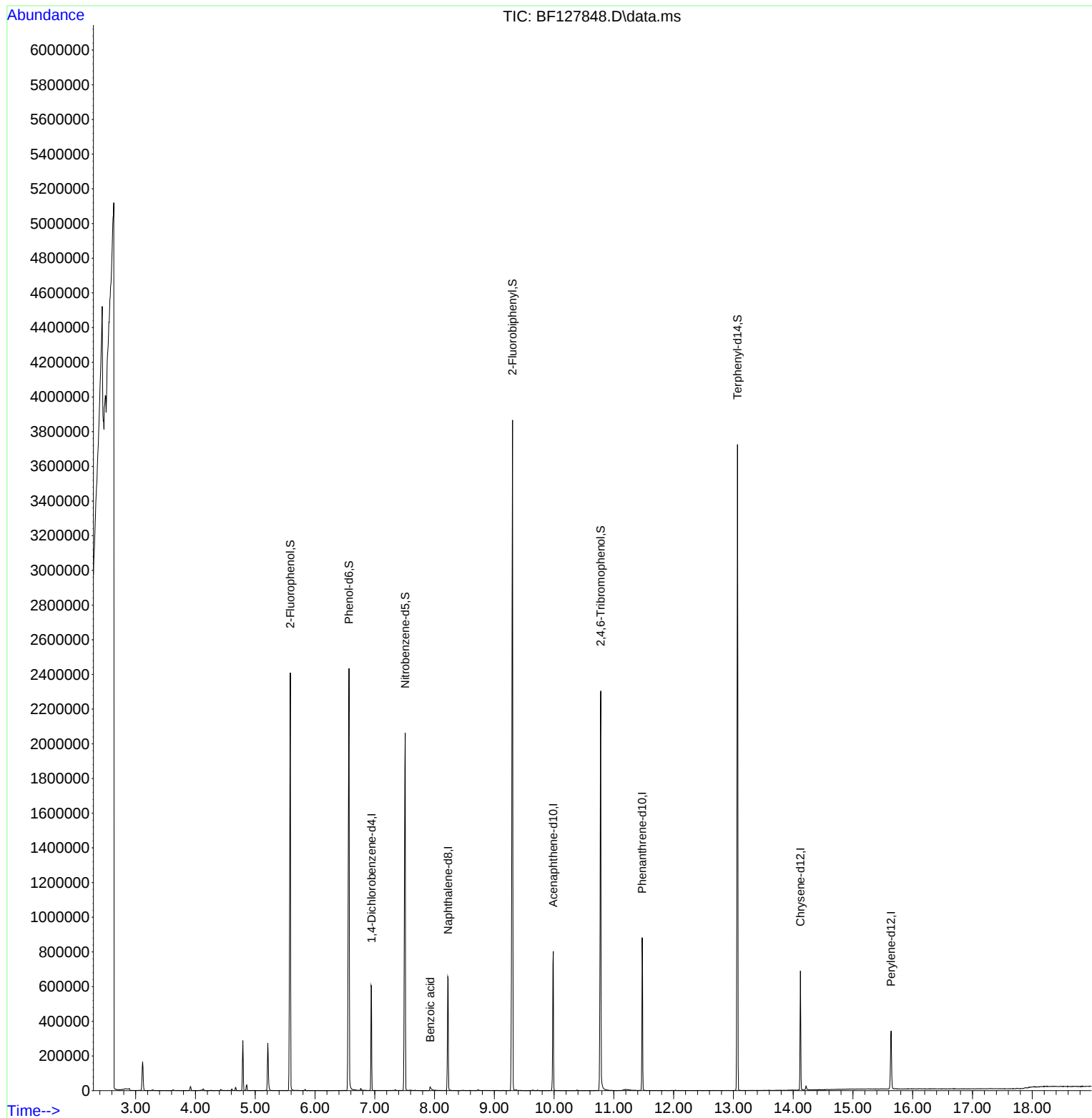
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.945	152	86828	20.000	ng	0.00
21) Naphthalene-d8	8.228	136	308097	20.000	ng	# 0.00
39) Acenaphthene-d10	9.986	164	166482	20.000	ng	0.00
64) Phenanthrene-d10	11.475	188	307414	20.000	ng	0.00
76) Chrysene-d12	14.121	240	221421	20.000	ng	-0.01
86) Perylene-d12	15.639	264	163444	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.587	112	596607	107.645	ng	0.02
7) Phenol-d6	6.569	99	830970	120.061	ng	0.00
23) Nitrobenzene-d5	7.510	82	821723	123.692	ng	0.00
42) 2,4,6-Tribromophenol	10.780	330	290339	143.162	ng	0.00
45) 2-Fluorobiphenyl	9.304	172	1211789	95.072	ng	0.00
79) Terphenyl-d14	13.069	244	1329018	94.213	ng	0.00
Target Compounds						
32) Benzoic acid	7.928	122	6927m	2.269	ng	Qvalue

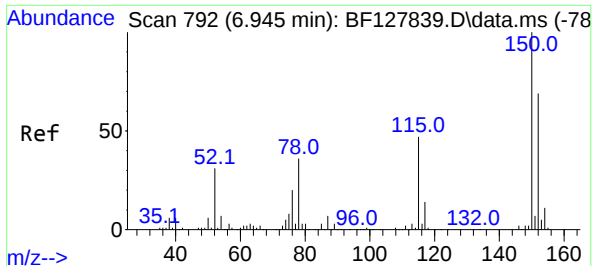
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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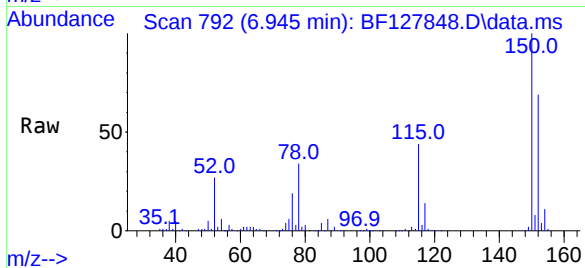
Quant Time: Apr 20 03:54:15 2022
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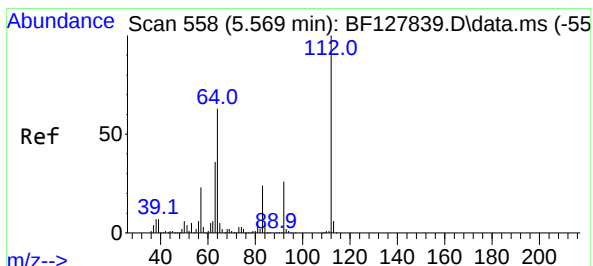
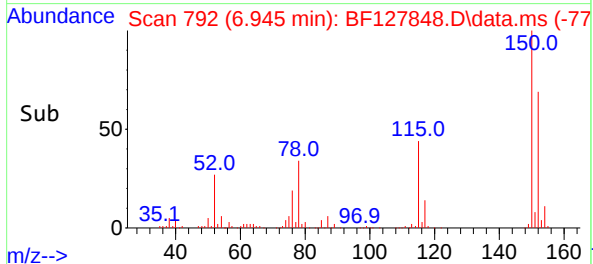
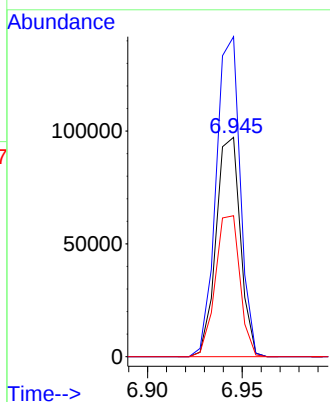


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.945 min Scan# 792
Delta R.T. 0.000 min
Lab File: BF127848.D
Acq: 19 Apr 2022 18:42

Instrument :
BNA_F
ClientSampleId :
RCA-EDISON-PILE-1

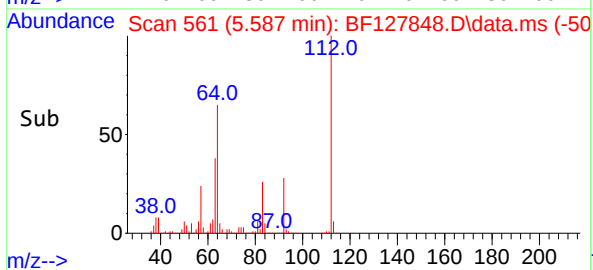
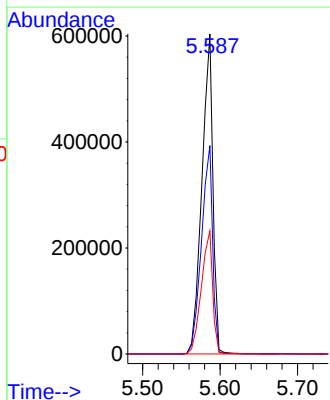
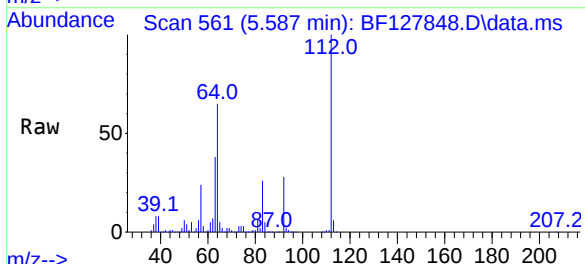


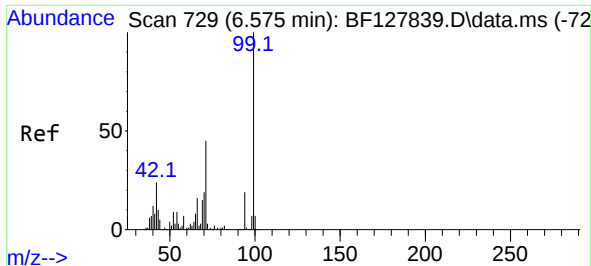
Tgt Ion:152 Resp: 86828
Ion Ratio Lower Upper
152 100
150 145.9 117.2 175.8
115 64.3 49.8 74.6



#5
2-Fluorophenol
Concen: 107.645 ng
RT: 5.587 min Scan# 561
Delta R.T. 0.018 min
Lab File: BF127848.D
Acq: 19 Apr 2022 18:42

Tgt Ion:112 Resp: 596607
Ion Ratio Lower Upper
112 100
64 65.1 58.4 87.6
63 38.4 30.1 45.1

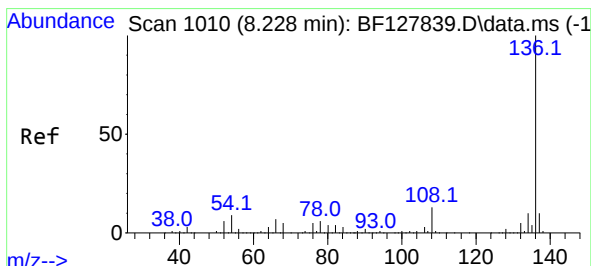
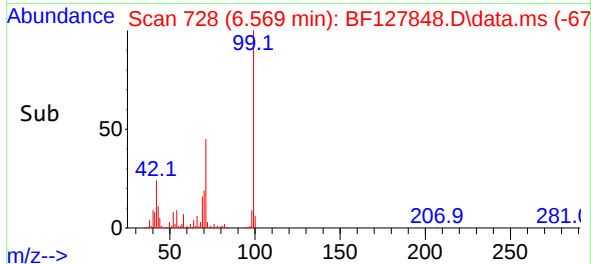
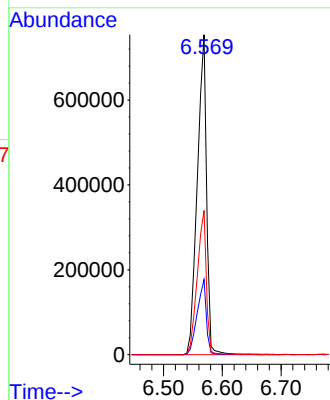
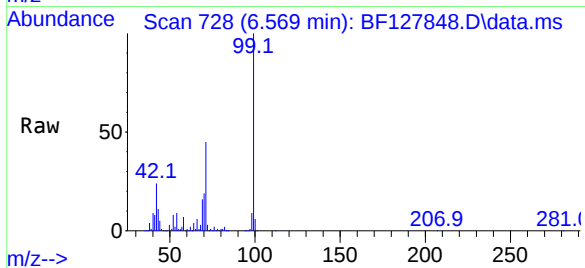




#7
Phenol-d6
Concen: 120.061 ng
RT: 6.569 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF127848.D
Acq: 19 Apr 2022 18:42

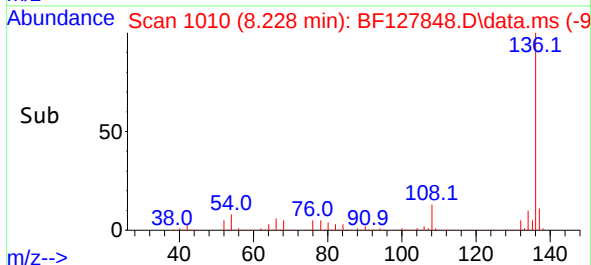
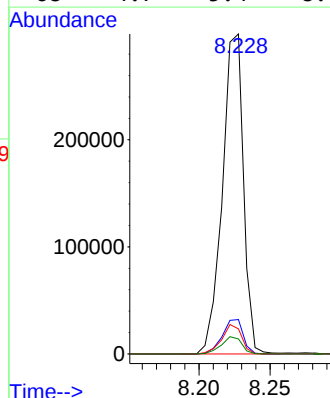
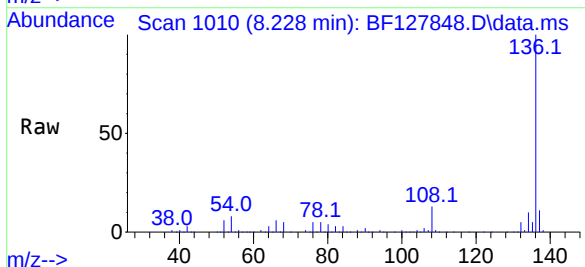
Instrument :
BNA_F
ClientSampleId :
RCA-EDISON-PILE-1

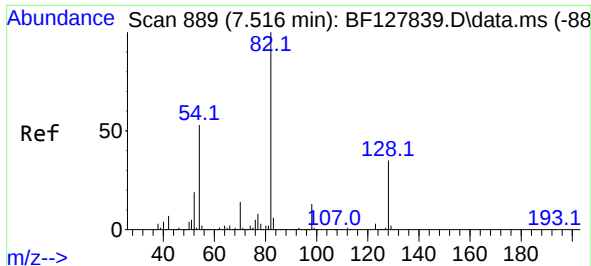
Tgt Ion: 99 Resp: 830970
Ion Ratio Lower Upper
99 100
42 23.5 17.8 26.6
71 45.0 29.6 44.4#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.228 min Scan# 1010
Delta R.T. -0.000 min
Lab File: BF127848.D
Acq: 19 Apr 2022 18:42

Tgt Ion: 136 Resp: 308097
Ion Ratio Lower Upper
136 100
137 10.7 8.6 13.0
54 7.8 9.2 13.8#
68 4.7 5.4 8.0#





#23

Nitrobenzene-d5

Concen: 123.692 ng

RT: 7.510 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF127848.D

Acq: 19 Apr 2022 18:42

Instrument :

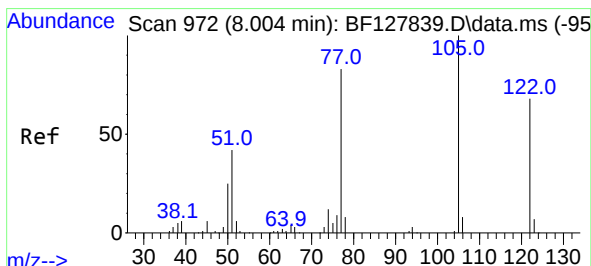
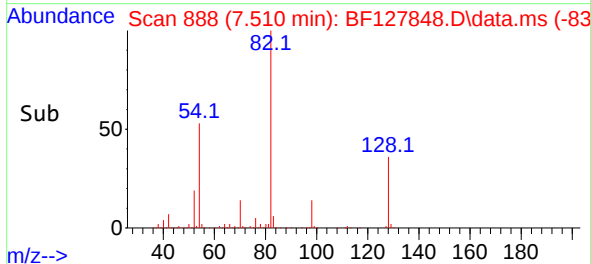
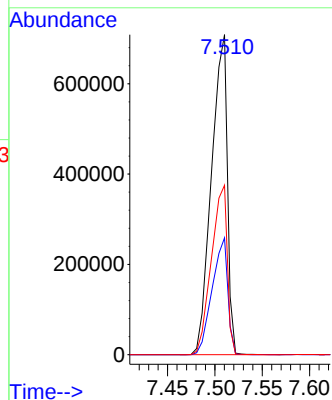
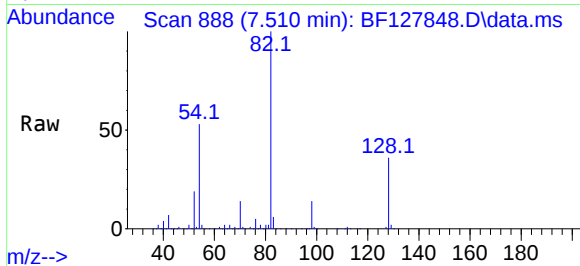
BNA_F

ClientSampleId :

RCA-EDISON-PILE-1

Tgt Ion: 82 Resp: 821723

Ion	Ratio	Lower	Upper
82	100		
128	36.5	30.6	45.8
54	52.9	48.2	72.2



#32

Benzoic acid

Concen: 2.269 ng m

RT: 7.928 min Scan# 959

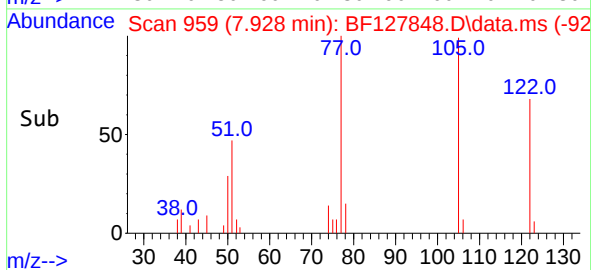
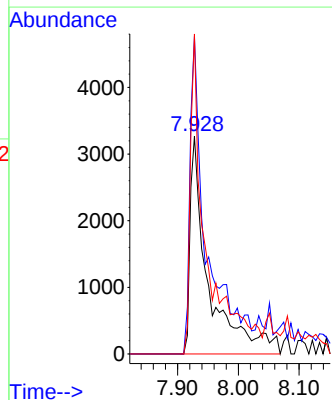
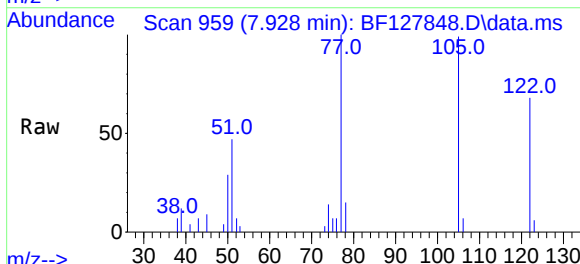
Delta R.T. -0.077 min

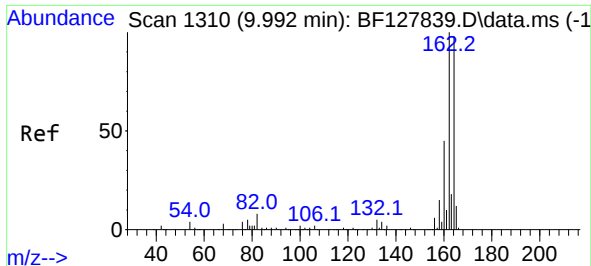
Lab File: BF127848.D

Acq: 19 Apr 2022 18:42

Tgt Ion: 122 Resp: 6927

Ion	Ratio	Lower	Upper
122	100		
105	145.8	117.1	157.1
77	146.9	93.0	133.0





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.986 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF127848.D

Acq: 19 Apr 2022 18:42

Instrument :

BNA_F

ClientSampleId :

RCA-EDISON-PILE-1

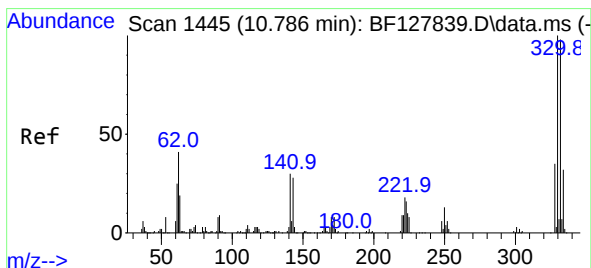
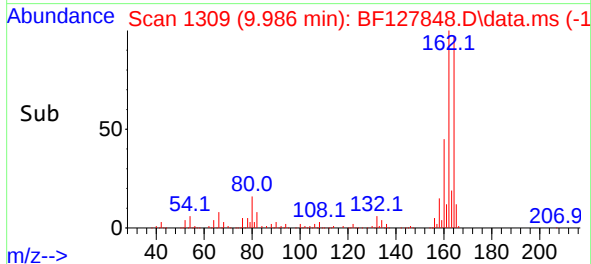
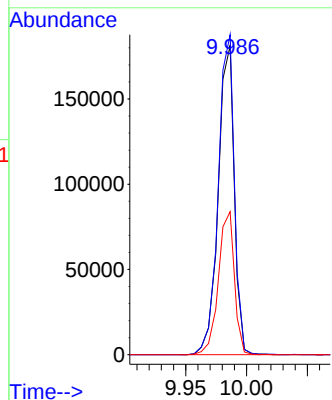
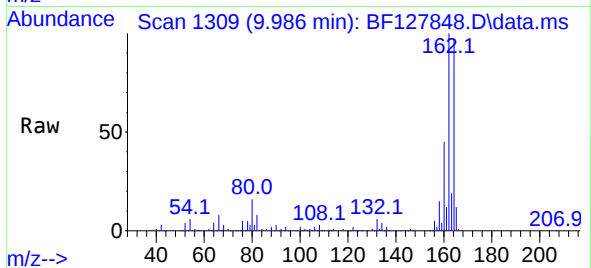
Tgt Ion:164 Resp: 166482

Ion Ratio Lower Upper

164 100

162 103.5 81.2 121.8

160 46.3 34.6 52.0



#42

2,4,6-Tribromophenol

Concen: 143.162 ng

RT: 10.780 min Scan# 1444

Delta R.T. -0.006 min

Lab File: BF127848.D

Acq: 19 Apr 2022 18:42

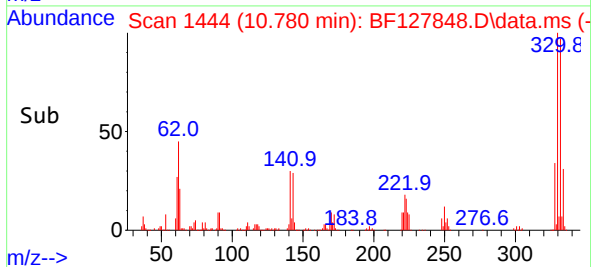
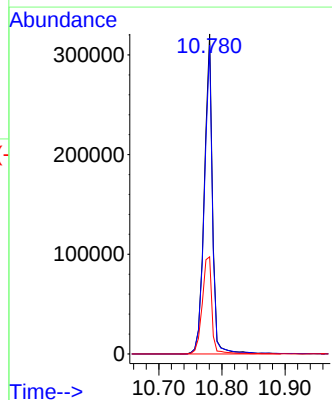
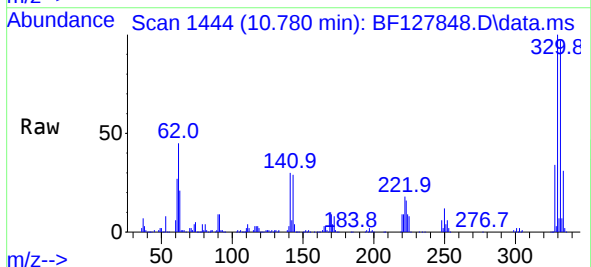
Tgt Ion:330 Resp: 290339

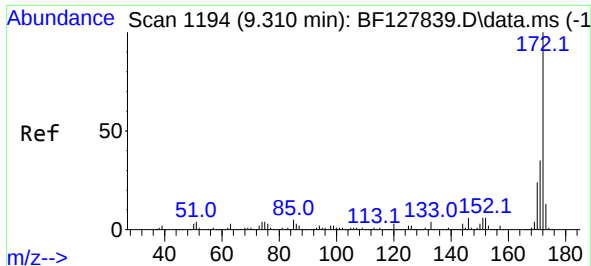
Ion Ratio Lower Upper

330 100

332 95.7 79.1 118.7

141 35.7 26.2 39.4





#45

2-Fluorobiphenyl

Concen: 95.072 ng

RT: 9.304 min Scan# 1193

Delta R.T. -0.006 min

Lab File: BF127848.D

Acq: 19 Apr 2022 18:42

Instrument :

BNA_F

ClientSampleId :

RCA-EDISON-PILE-1

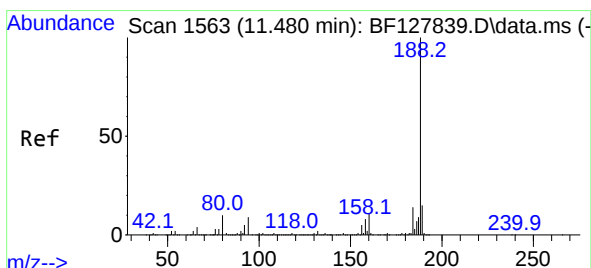
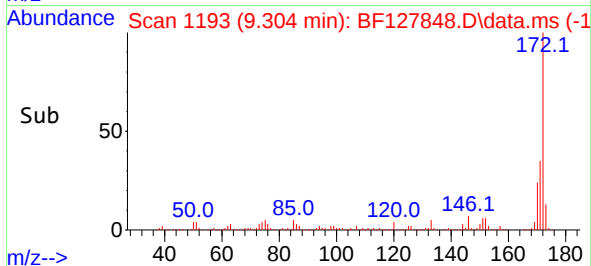
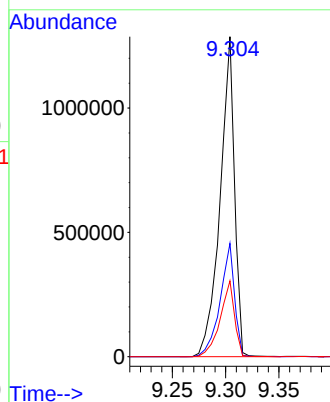
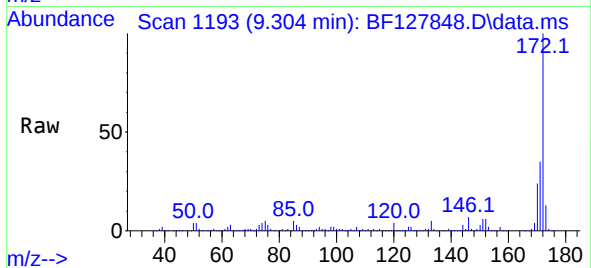
Tgt Ion:172 Resp: 1211789

Ion Ratio Lower Upper

172 100

171 35.4 28.4 42.6

170 23.7 18.6 27.8



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.475 min Scan# 1562

Delta R.T. -0.005 min

Lab File: BF127848.D

Acq: 19 Apr 2022 18:42

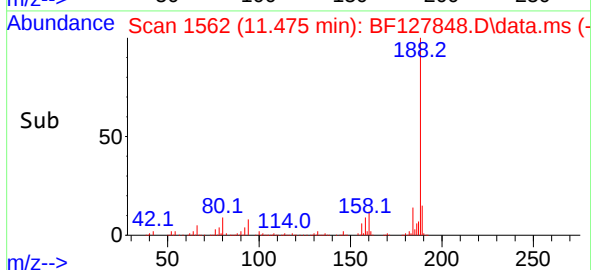
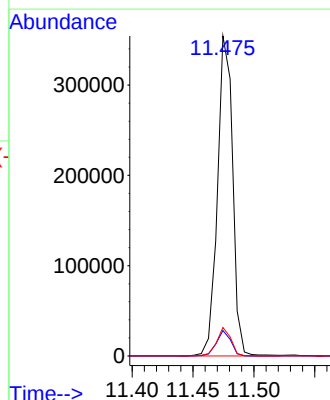
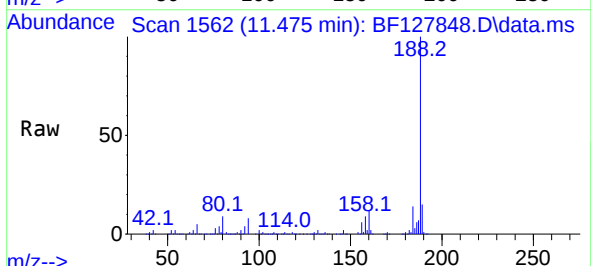
Tgt Ion:188 Resp: 307414

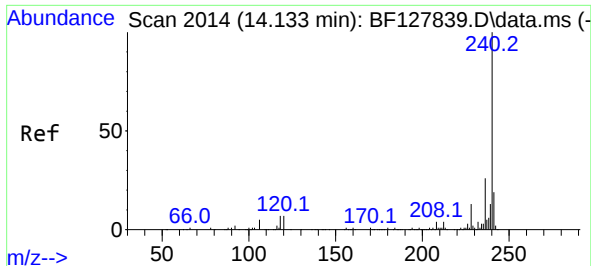
Ion Ratio Lower Upper

188 100

94 8.0 7.4 11.0

80 8.9 8.0 12.0

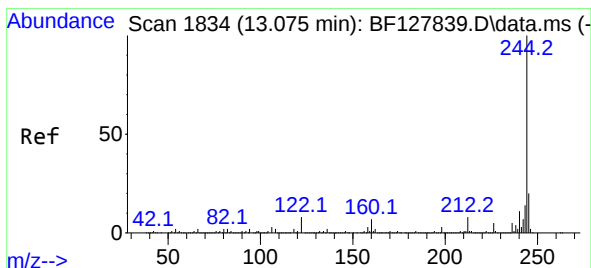
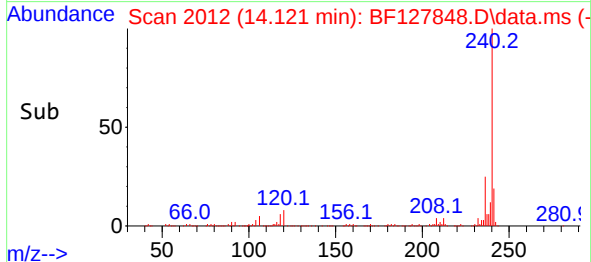
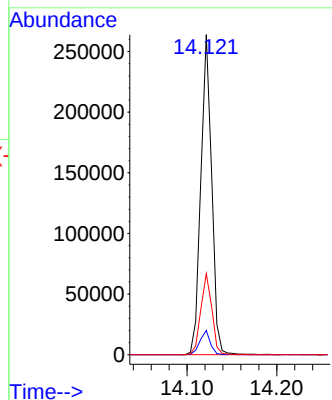
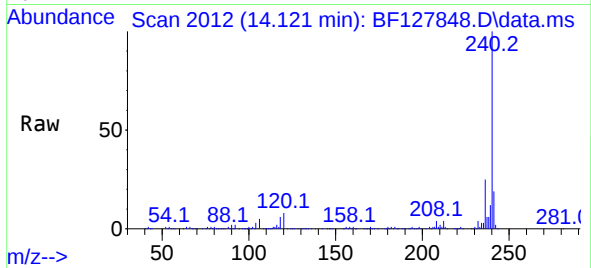




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.121 min Scan# 2014
Delta R.T. -0.012 min
Lab File: BF127848.D
Acq: 19 Apr 2022 18:42

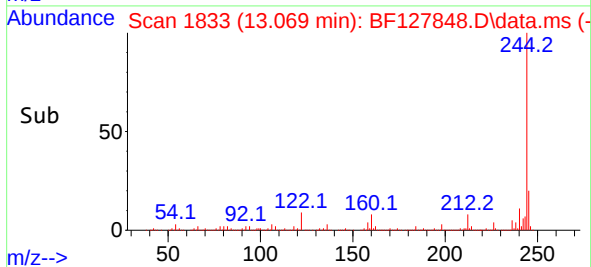
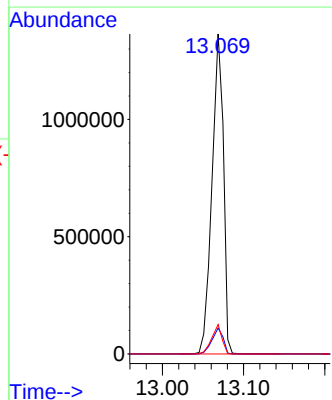
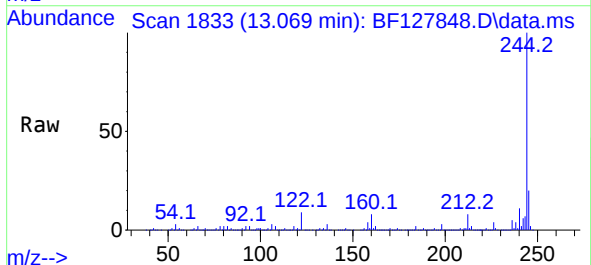
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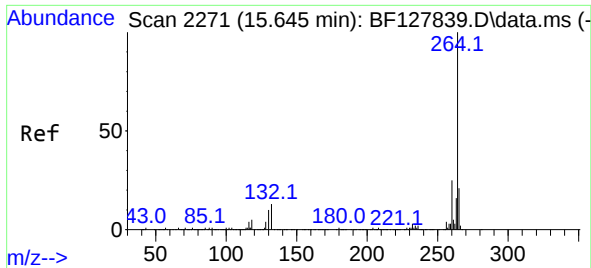
Tgt Ion:240 Resp: 221421
Ion Ratio Lower Upper
240 100
120 7.5 7.1 10.7
236 25.3 20.7 31.1



#79
Terphenyl-d14
Concen: 94.213 ng
RT: 13.069 min Scan# 1833
Delta R.T. -0.006 min
Lab File: BF127848.D
Acq: 19 Apr 2022 18:42

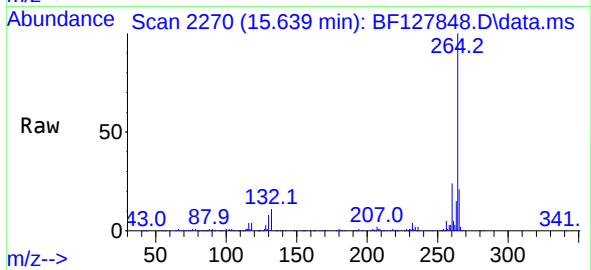
Tgt Ion:244 Resp: 1329018
Ion Ratio Lower Upper
244 100
212 8.1 5.7 8.5
122 9.2 6.2 9.2





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.639 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF127848.D
Acq: 19 Apr 2022 18:42

Instrument :
BNA_F
ClientSampleId :
RCA-EDISON-PILE-1



Tgt Ion:264 Resp: 163444

Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.1	28.7
265	21.0	17.4	26.2

