

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062221\
 Data File : BF124419.D
 Acq On : 22 Jun 2021 19:00
 Operator : JU/CG
 Sample : M2789-11
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CONCRETE-SLAB-1-1

Quant Time: Jun 23 02:51:05 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 15 20:09:26 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	44623	20.000	ng	0.00
21) Naphthalene-d8	8.063	136	177330	20.000	ng	-0.01
39) Acenaphthene-d10	9.822	164	115645	20.000	ng	0.00
64) Phenanthrene-d10	11.310	188	208991	20.000	ng	0.00
76) Chrysene-d12	13.962	240	94495	20.000	ng	0.00
86) Perylene-d12	15.427	264	85619	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.410	112	126025	42.514	ng	0.00
7) Phenol-d6	6.428	99	231963	58.216	ng	-0.02
23) Nitrobenzene-d5	7.351	82	205787	46.026	ng	0.00
42) 2,4,6-Tribromophenol	10.616	330	45130	27.545	ng	0.00
45) 2-Fluorobiphenyl	9.145	172	444868	48.407	ng	0.00
79) Terphenyl-d14	12.904	244	444860	64.636	ng	0.00

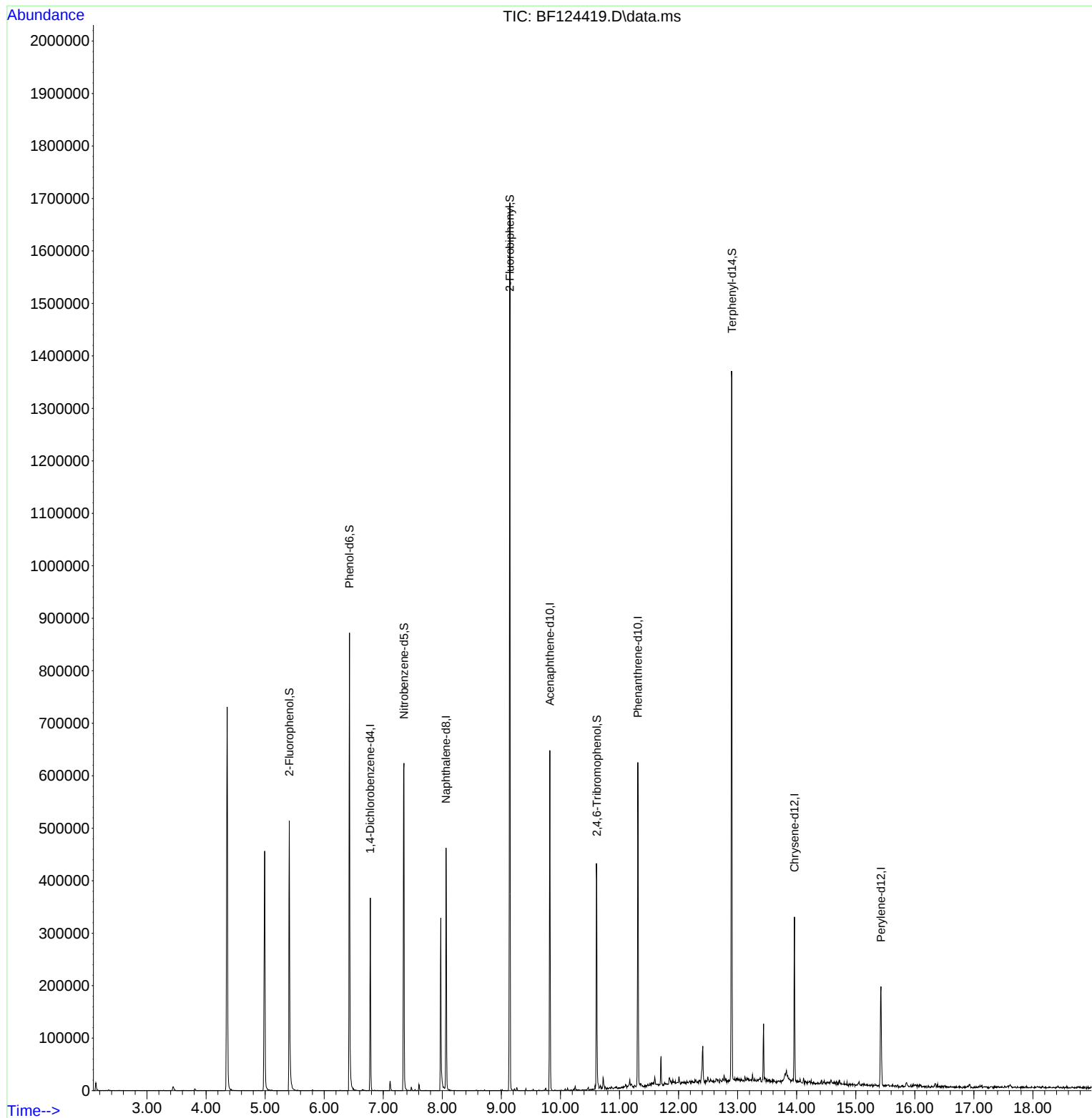
Target Compounds	Qvalue

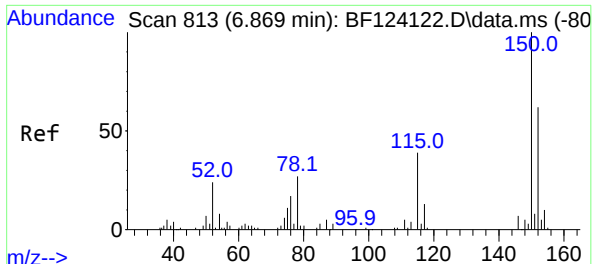
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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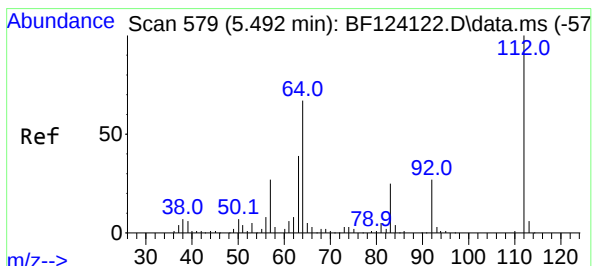
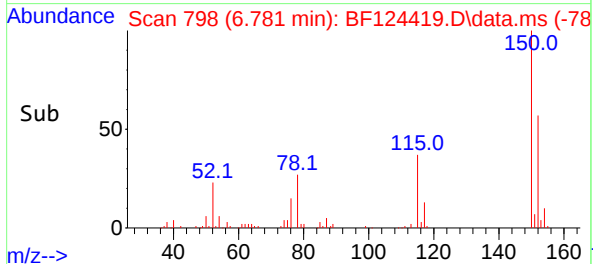
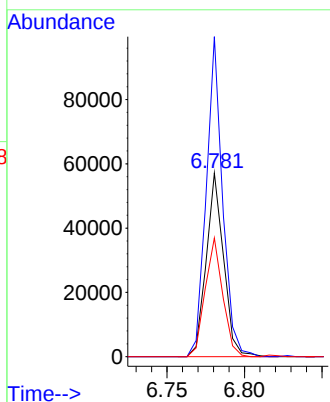
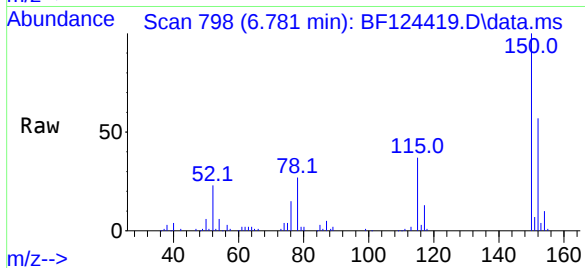




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.781 min Scan# 798
Delta R.T. -0.005 min
Lab File: BF124419.D
Acq: 22 Jun 2021 19:00

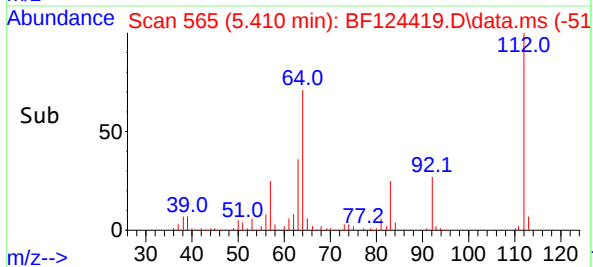
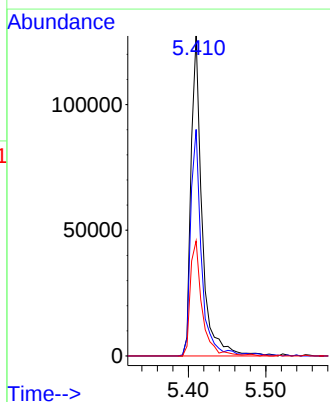
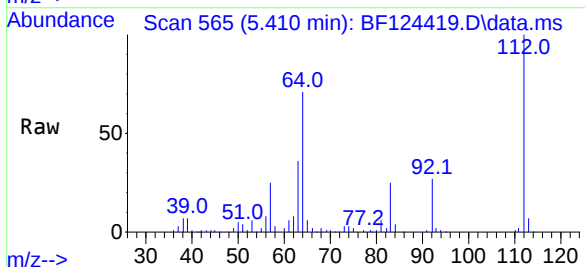
Instrument :
BNA_F
ClientSampleId :
CONCRETE-SLAB-1-1

Tgt Ion:152 Resp: 44623
Ion Ratio Lower Upper
152 100
150 174.2 127.0 190.6
115 64.6 54.3 81.5

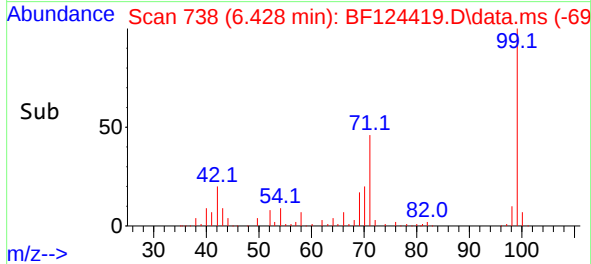
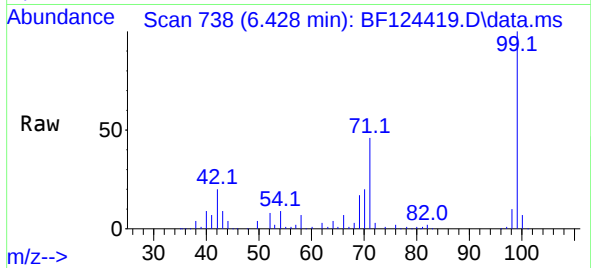
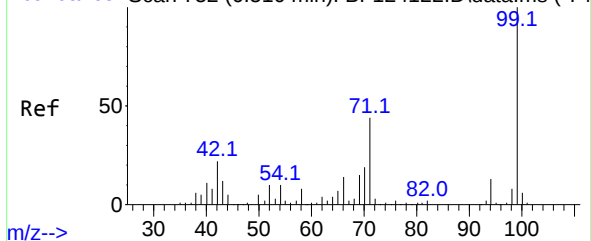


#5
2-Fluorophenol
Concen: 42.514 ng
RT: 5.410 min Scan# 565
Delta R.T. -0.006 min
Lab File: BF124419.D
Acq: 22 Jun 2021 19:00

Tgt Ion:112 Resp: 126025
Ion Ratio Lower Upper
112 100
64 70.8 61.4 92.0
63 35.9 33.0 49.4



Abundance Scan 752 (6.510 min): BF124122.D\data.ms (-74



#7

Phenol-d6

Concen: 58.216 ng

RT: 6.428 min Scan# 738

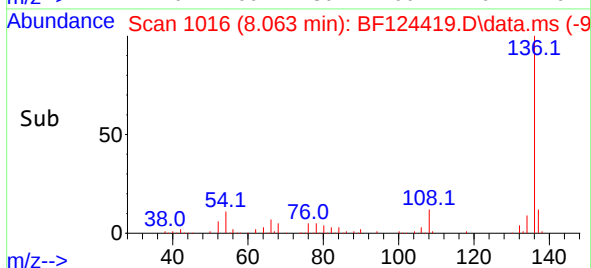
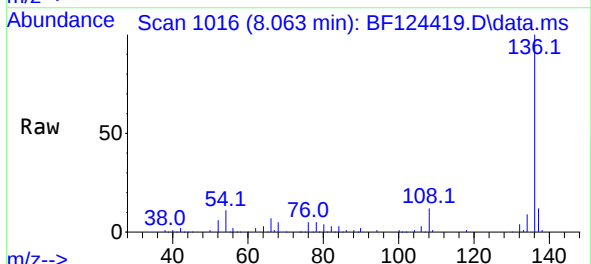
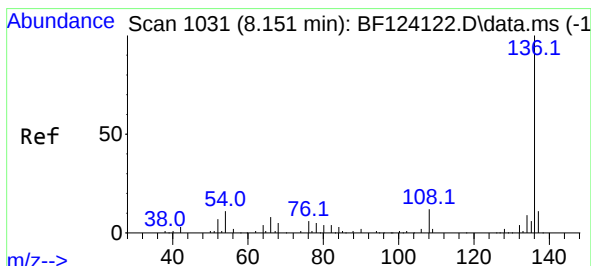
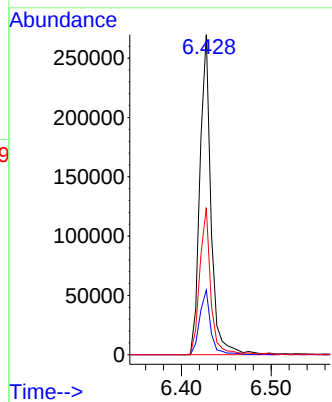
Delta R.T. -0.018 min

Lab File: BF124419.D

Acq: 22 Jun 2021 19:00

Tgt Ion: 99 Resp: 231963

Ion	Ratio	Lower	Upper
99	100		
42	20.2	19.8	29.8
71	45.9	31.1	46.7



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.063 min Scan# 1016

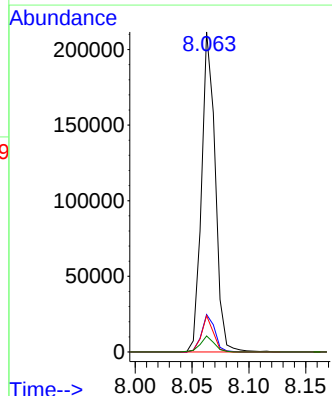
Delta R.T. -0.012 min

Lab File: BF124419.D

Acq: 22 Jun 2021 19:00

Tgt Ion: 136 Resp: 177330

Ion	Ratio	Lower	Upper
136	100		
137	11.7	8.7	13.1
54	11.4	9.8	14.6
68	5.0	4.1	6.1



Instrument :

BNA_F

ClientSampleId :

CONCRETE-SLAB-1-1



#23

Nitrobenzene-d5

Concen: 46.026 ng

RT: 7.351 min Scan# 895

Delta R.T. -0.006 min

Lab File: BF124419.D

Acq: 22 Jun 2021 19:00

Instrument :

BNA_F

ClientSampleId :

CONCRETE-SLAB-1-1

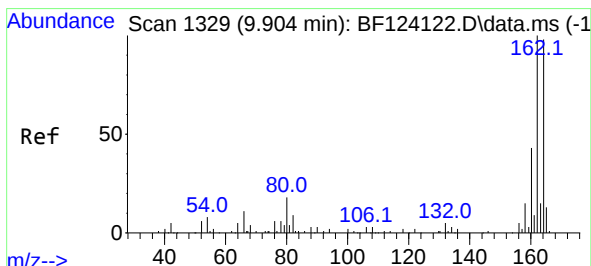
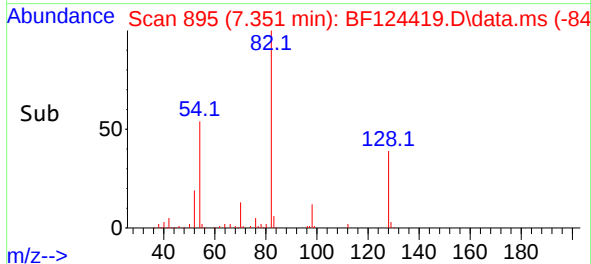
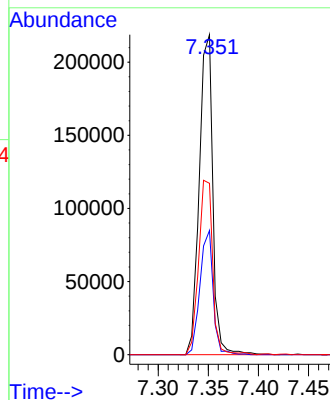
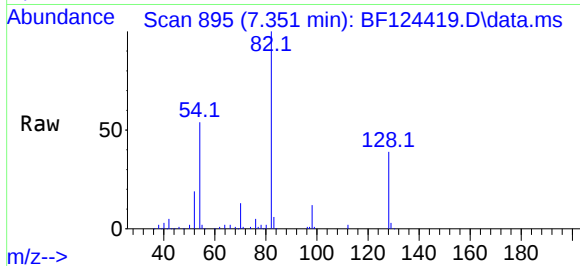
Tgt Ion: 82 Resp: 205787

Ion Ratio Lower Upper

82 100

128 38.8 29.4 44.2

54 53.6 54.1 81.1#



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.822 min Scan# 1315

Delta R.T. -0.006 min

Lab File: BF124419.D

Acq: 22 Jun 2021 19:00

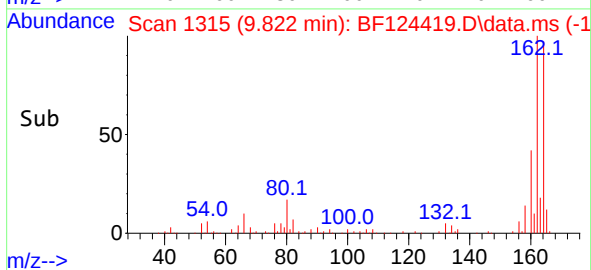
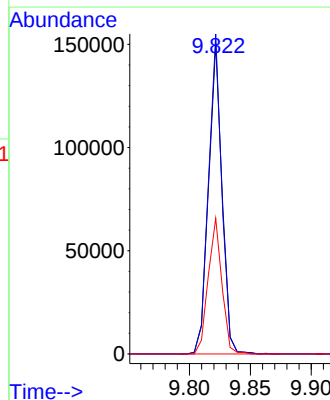
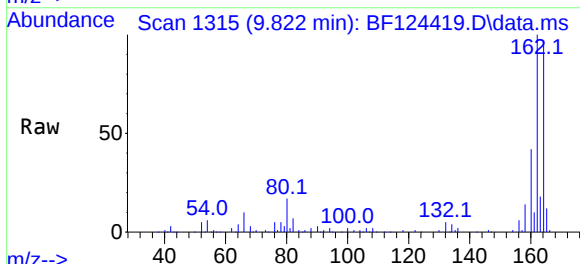
Tgt Ion:164 Resp: 115645

Ion Ratio Lower Upper

164 100

162 103.0 80.7 121.1

160 43.7 37.3 55.9

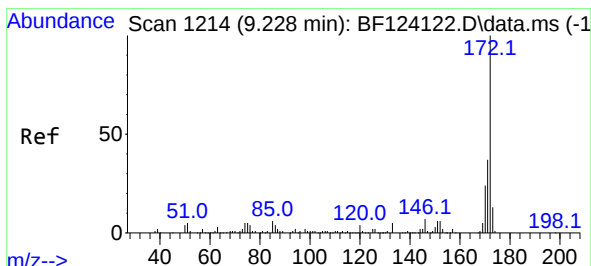
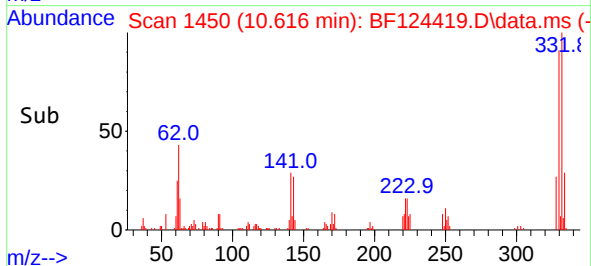
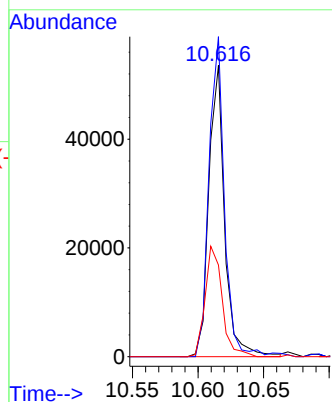
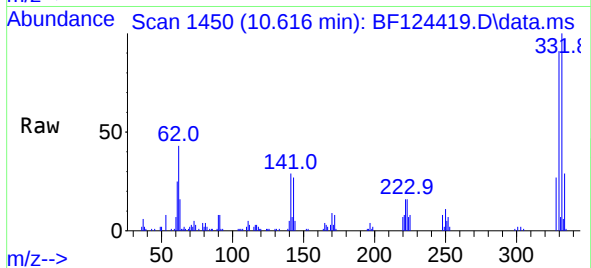




#42
2,4,6-Tribromophenol
Concen: 27.545 ng
RT: 10.616 min Scan# 1450
Delta R.T. -0.006 min
Lab File: BF124419.D
Acq: 22 Jun 2021 19:00

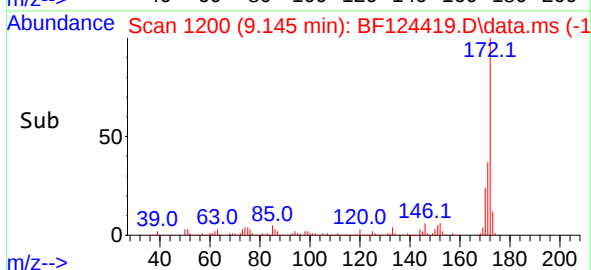
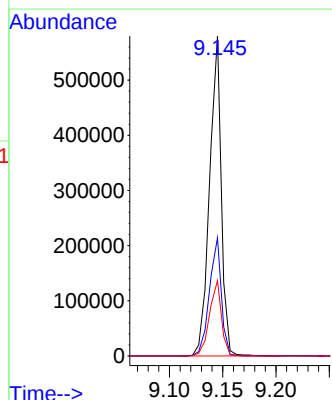
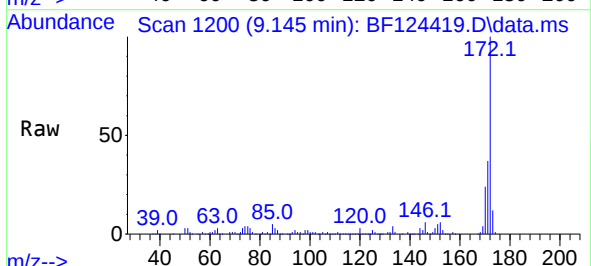
Instrument :
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CONCRETE-SLAB-1-1

Tgt Ion: 330 Resp: 45130
Ion Ratio Lower Upper
330 100
332 107.8 77.1 115.7
141 40.9 27.9 41.9



#45
2-Fluorobiphenyl
Concen: 48.407 ng
RT: 9.145 min Scan# 1200
Delta R.T. -0.006 min
Lab File: BF124419.D
Acq: 22 Jun 2021 19:00

Tgt Ion: 172 Resp: 444868
Ion Ratio Lower Upper
172 100
171 37.0 28.1 42.1
170 23.5 19.2 28.8

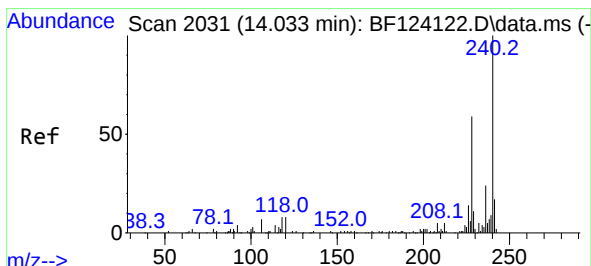
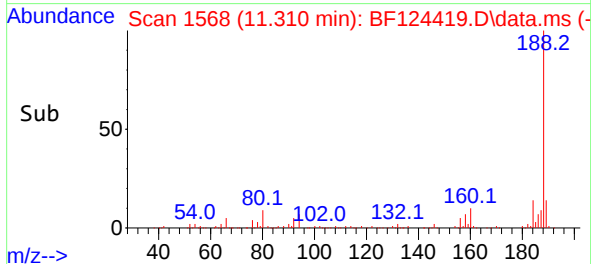
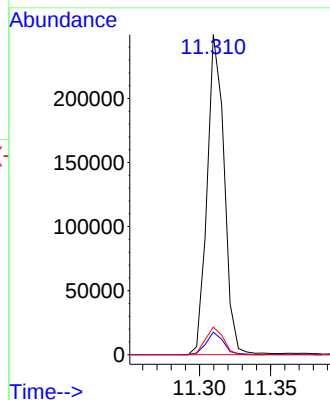
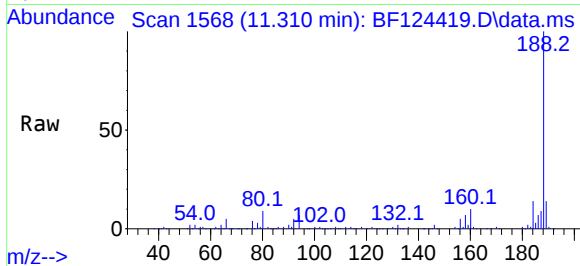




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.310 min Scan# 1568
Delta R.T. -0.006 min
Lab File: BF124419.D
Acq: 22 Jun 2021 19:00

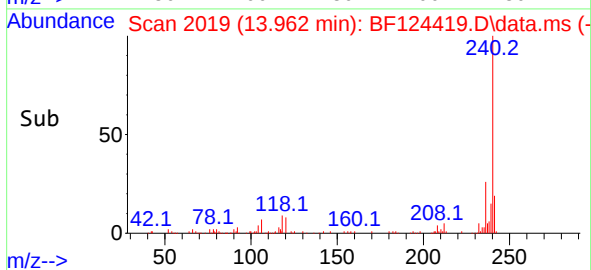
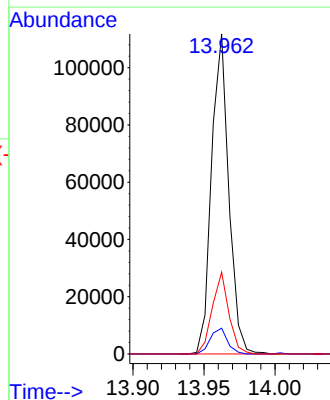
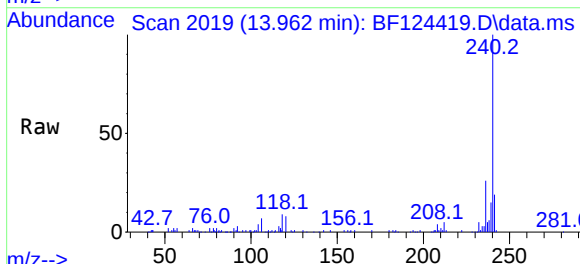
Instrument :
BNA_F
ClientSampleId :
CONCRETE-SLAB-1-1

Tgt Ion:188 Resp: 208991
Ion Ratio Lower Upper
188 100
94 7.0 6.9 10.3
80 8.6 8.2 12.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.962 min Scan# 2019
Delta R.T. -0.000 min
Lab File: BF124419.D
Acq: 22 Jun 2021 19:00

Tgt Ion:240 Resp: 94495
Ion Ratio Lower Upper
240 100
120 8.1 7.2 10.8
236 25.5 19.0 28.4

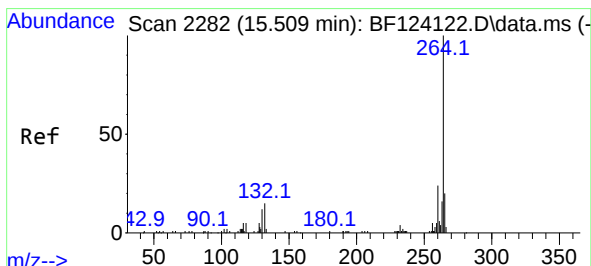
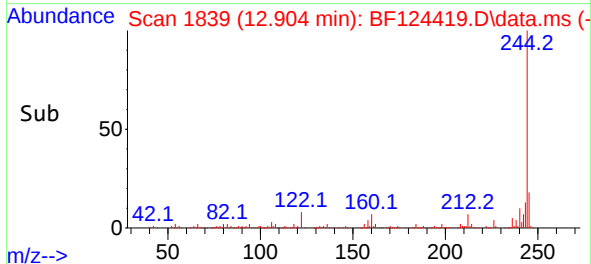
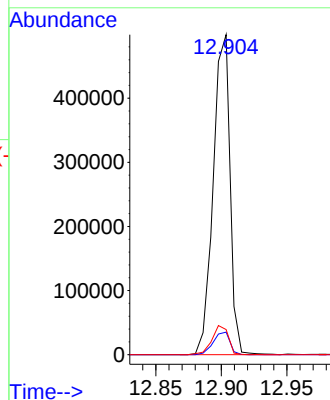
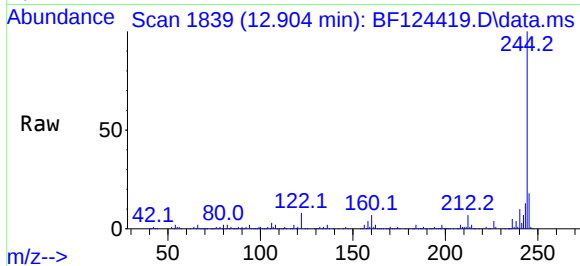




#79
 Terphenyl-d14
 Concen: 64.636 ng
 RT: 12.904 min Scan# 1839
 Delta R.T. -0.000 min
 Lab File: BF124419.D
 Acq: 22 Jun 2021 19:00

Instrument :
 BNA_F
 ClientSampleId :
 CONCRETE-SLAB-1-1

Tgt Ion:244 Resp: 444860
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.7 8.5
 122 7.8 9.7 14.5#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.427 min Scan# 2268
 Delta R.T. 0.012 min
 Lab File: BF124419.D
 Acq: 22 Jun 2021 19:00

Tgt Ion:264 Resp: 85619
 Ion Ratio Lower Upper
 264 100
 260 23.5 18.7 28.1
 265 21.3 17.8 26.8

