

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062221\
 Data File : BF124423.D
 Acq On : 22 Jun 2021 21:10
 Operator : JU/CG
 Sample : M2789-19
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CONCRETE-PAD

Quant Time: Jun 23 02:51:33 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	46217	20.000	ng	0.00
21) Naphthalene-d8	8.063	136	183826	20.000	ng	#-0.01
39) Acenaphthene-d10	9.822	164	115966	20.000	ng	0.00
64) Phenanthrene-d10	11.310	188	203010	20.000	ng	# 0.00
76) Chrysene-d12	13.963	240	88081	20.000	ng	# 0.00
86) Perylene-d12	15.427	264	87505	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.410	112	52594	17.130	ng	0.00
7) Phenol-d6	6.428	99	198652	48.137	ng	-0.02
23) Nitrobenzene-d5	7.345	82	211017	45.528	ng	-0.01
42) 2,4,6-Tribromophenol	10.616	330	4784	2.912	ng	0.00
45) 2-Fluorobiphenyl	9.145	172	453698	49.232	ng	0.00
79) Terphenyl-d14	12.898	244	397921	62.026	ng	0.00

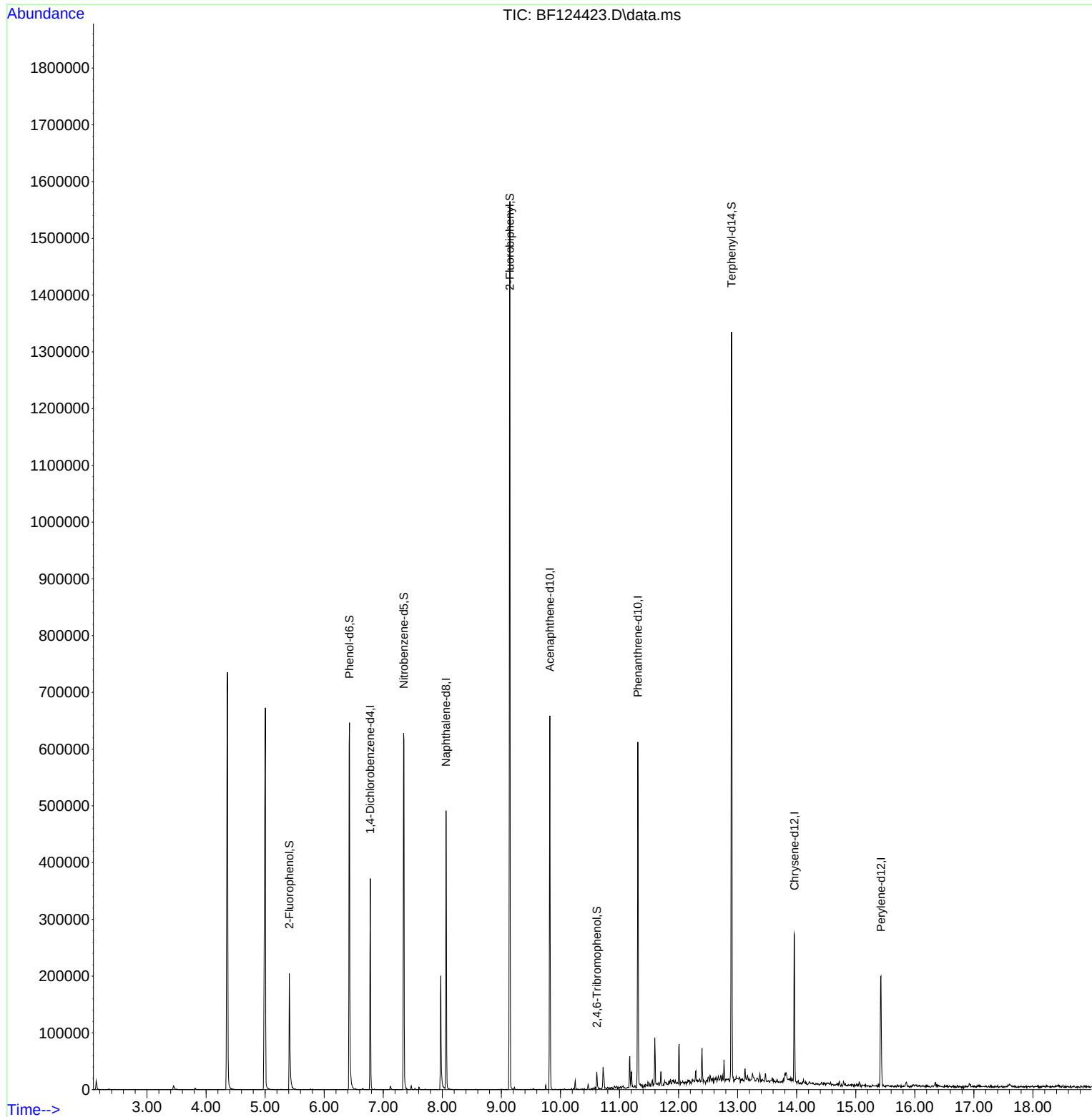
Target Compounds	Qvalue

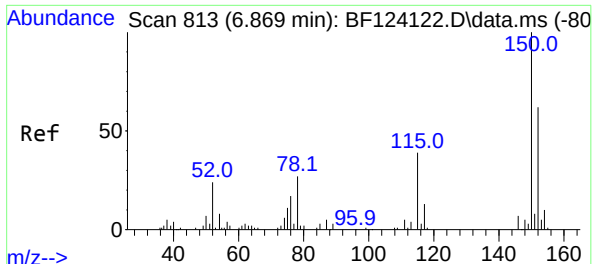
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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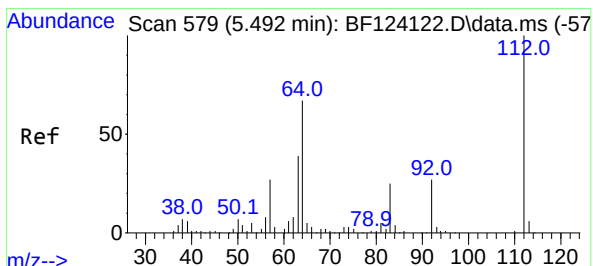
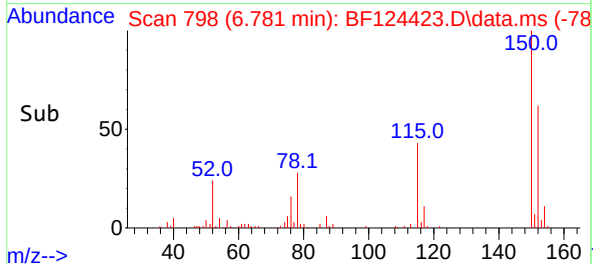
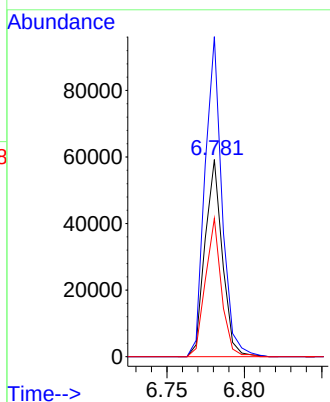
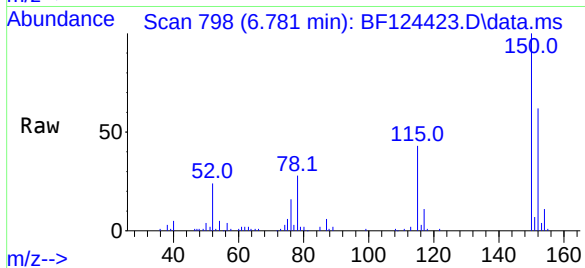




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.781 min Scan# 798
Delta R.T. -0.005 min
Lab File: BF124423.D
Acq: 22 Jun 2021 21:10

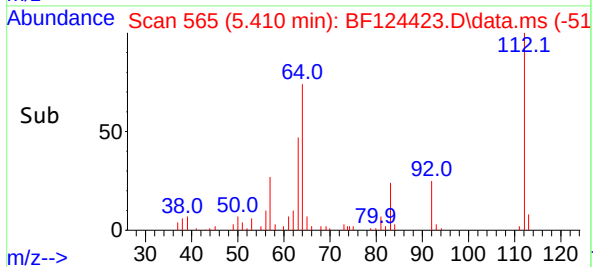
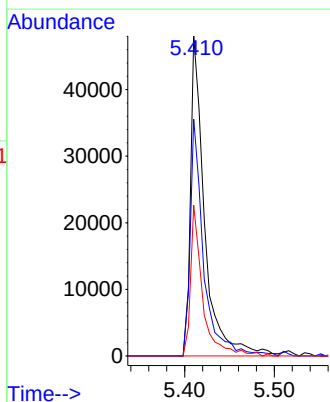
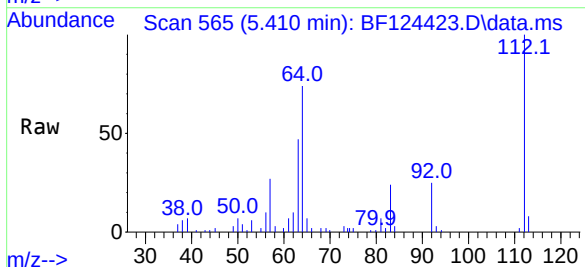
Instrument :
BNA_F
ClientSampleId :
CONCRETE-PAD

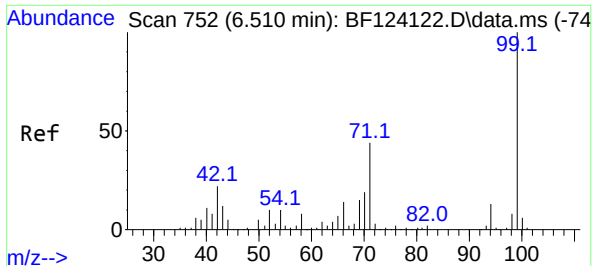
Tgt Ion:152 Resp: 46217
Ion Ratio Lower Upper
152 100
150 162.3 127.0 190.6
115 70.2 54.3 81.5



#5
2-Fluorophenol
Concen: 17.130 ng
RT: 5.410 min Scan# 565
Delta R.T. -0.006 min
Lab File: BF124423.D
Acq: 22 Jun 2021 21:10

Tgt Ion:112 Resp: 52594
Ion Ratio Lower Upper
112 100
64 74.0 61.4 92.0
63 47.1 33.0 49.4

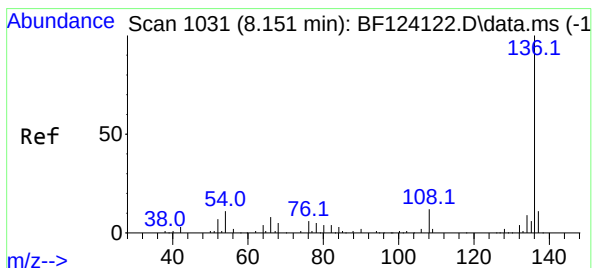
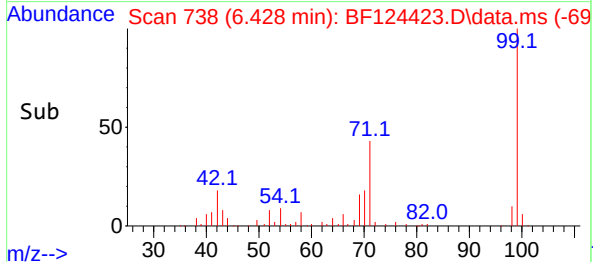
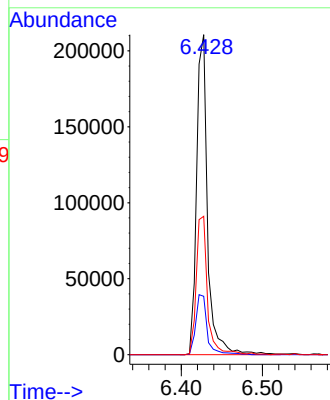
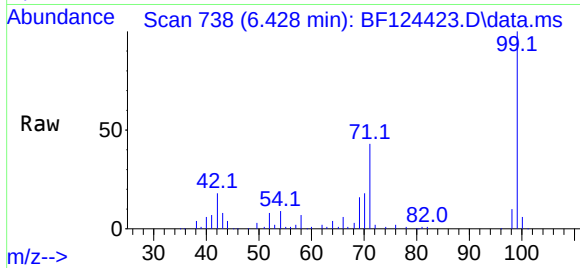




#7
Phenol-d6
Concen: 48.137 ng
RT: 6.428 min Scan# 738
Delta R.T. -0.018 min
Lab File: BF124423.D
Acq: 22 Jun 2021 21:10

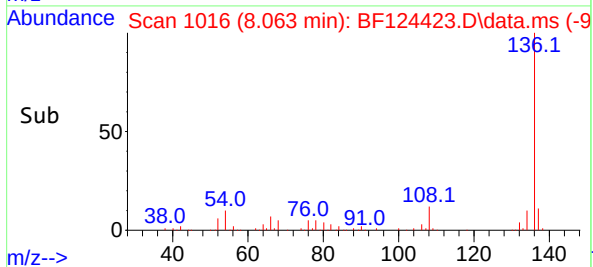
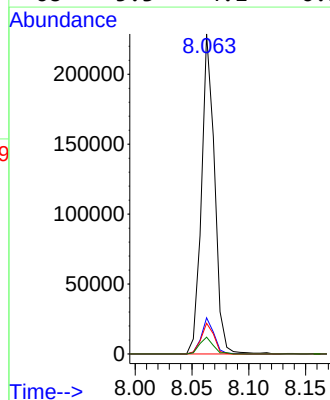
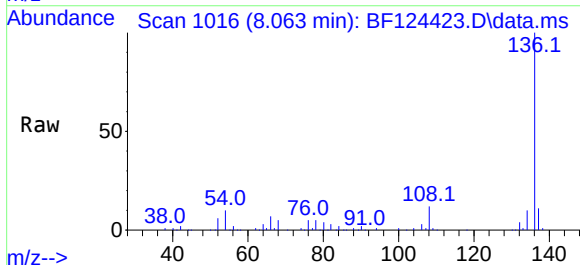
Instrument :
BNA_F
ClientSampleId :
CONCRETE-PAD

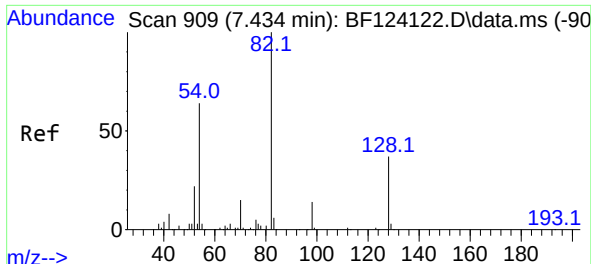
Tgt Ion: 99 Resp: 198652
Ion Ratio Lower Upper
99 100
42 18.2 19.8 29.8#
71 43.3 31.1 46.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.063 min Scan# 1016
Delta R.T. -0.012 min
Lab File: BF124423.D
Acq: 22 Jun 2021 21:10

Tgt Ion: 136 Resp: 183826
Ion Ratio Lower Upper
136 100
137 11.3 8.7 13.1
54 9.6 9.8 14.6#
68 5.3 4.1 6.1





#23

Nitrobenzene-d5

Concen: 45.528 ng

RT: 7.345 min Scan# 894

Delta R.T. -0.012 min

Lab File: BF124423.D

Acq: 22 Jun 2021 21:10

Instrument :

BNA_F

ClientSampleId :

CONCRETE-PAD

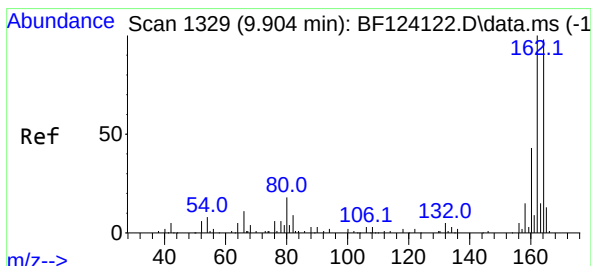
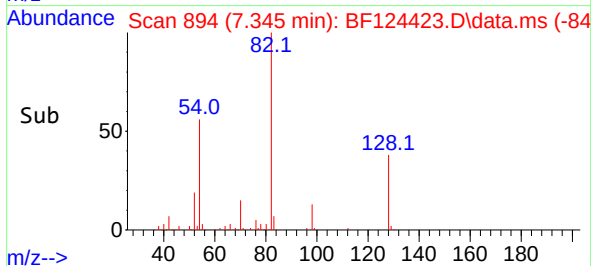
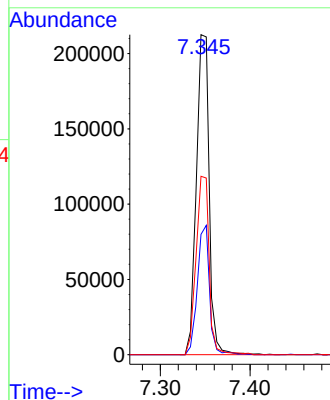
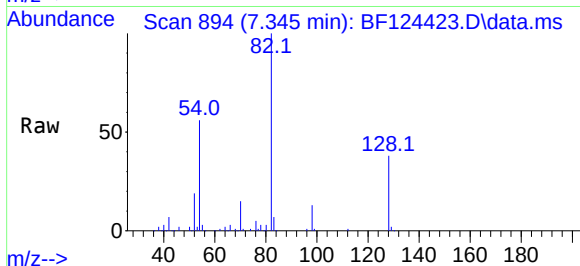
Tgt Ion: 82 Resp: 211017

Ion Ratio Lower Upper

82 100

128 37.6 29.4 44.2

54 55.8 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: BF124423.D

Acq: 22 Jun 2021 21:10

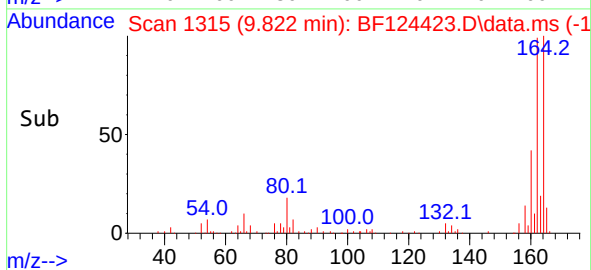
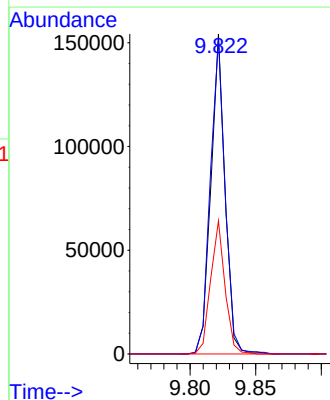
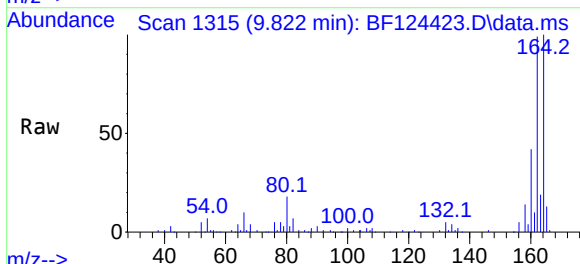
Tgt Ion:164 Resp: 115966

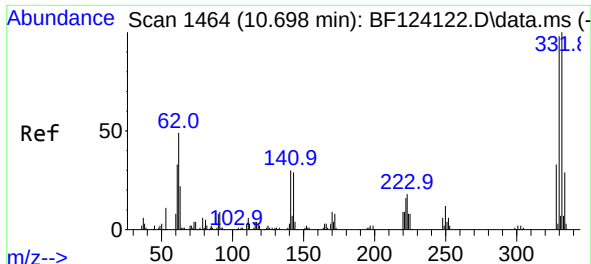
Ion Ratio Lower Upper

164 100

162 98.7 80.7 121.1

160 41.6 37.3 55.9

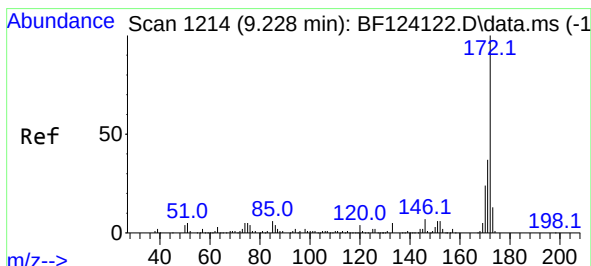
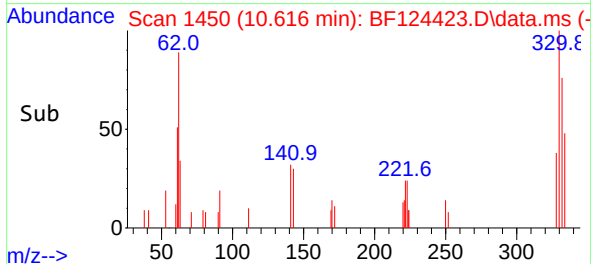
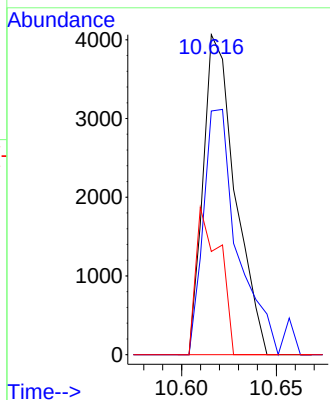
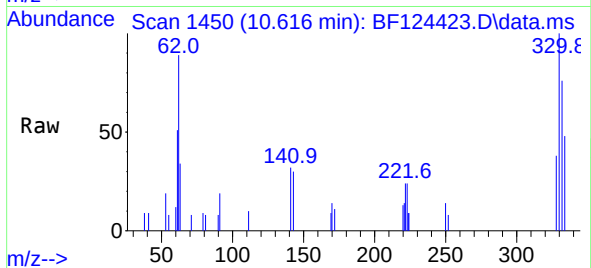




#42
2,4,6-Tribromophenol
Concen: 2.912 ng
RT: 10.616 min Scan# 1450
Delta R.T. -0.006 min
Lab File: BF124423.D
Acq: 22 Jun 2021 21:10

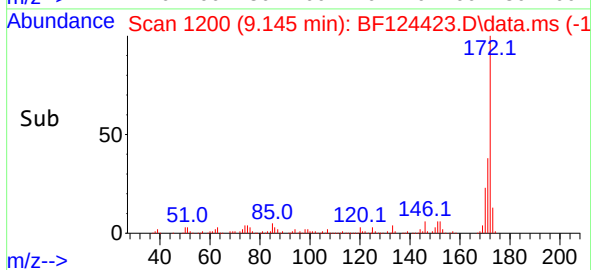
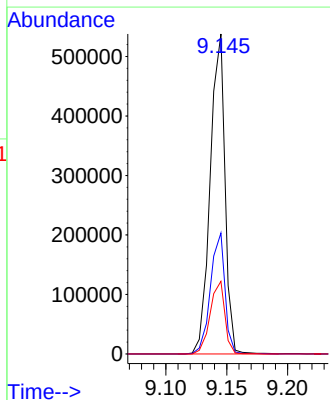
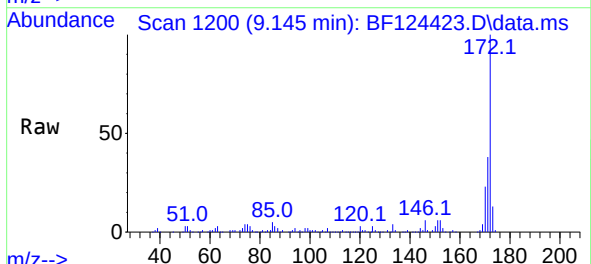
Instrument :
BNA_F
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CONCRETE-PAD

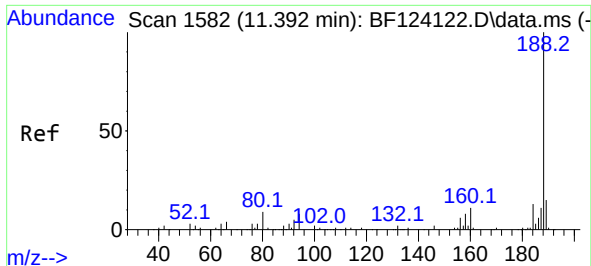
Tgt Ion:	330	Resp:	4784
Ion Ratio	Lower	Upper	
330	100		
332	85.2	77.1	115.7
141	33.8	27.9	41.9



#45
2-Fluorobiphenyl
Concen: 49.232 ng
RT: 9.145 min Scan# 1200
Delta R.T. -0.006 min
Lab File: BF124423.D
Acq: 22 Jun 2021 21:10

Tgt Ion:	172	Resp:	453698
Ion Ratio	Lower	Upper	
172	100		
171	37.8	28.1	42.1
170	22.7	19.2	28.8

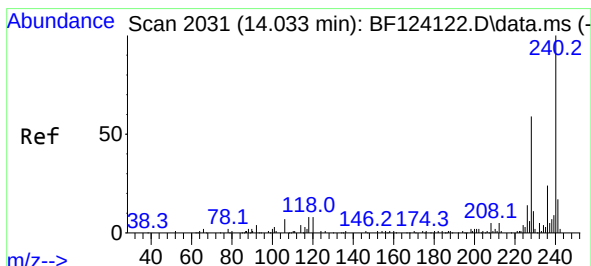
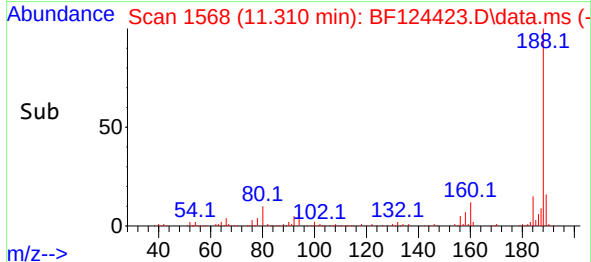
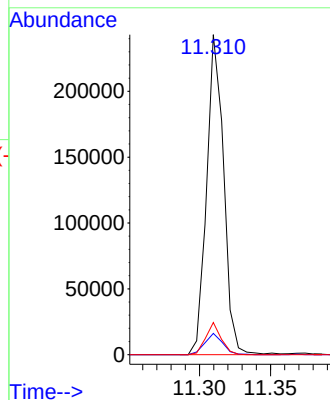
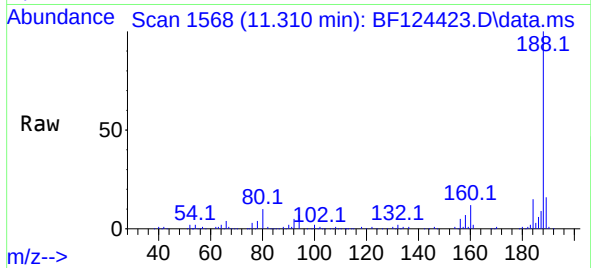




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.310 min Scan# 1568
Delta R.T. -0.006 min
Lab File: BF124423.D
Acq: 22 Jun 2021 21:10

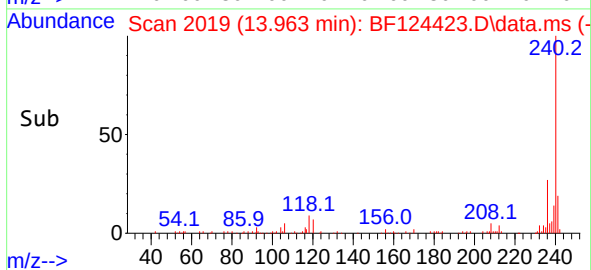
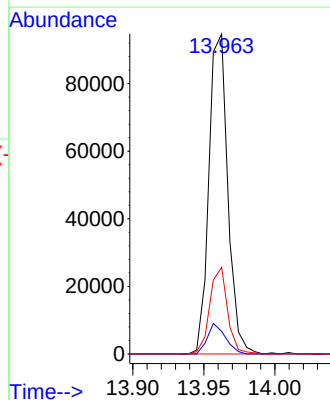
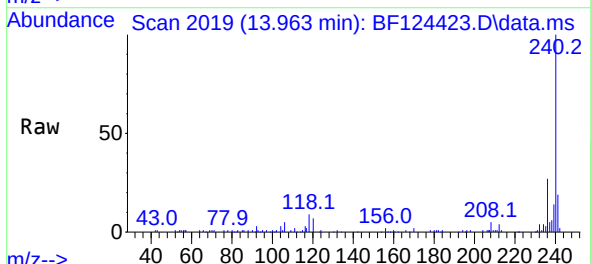
Instrument :
BNA_F
ClientSampleId :
CONCRETE-PAD

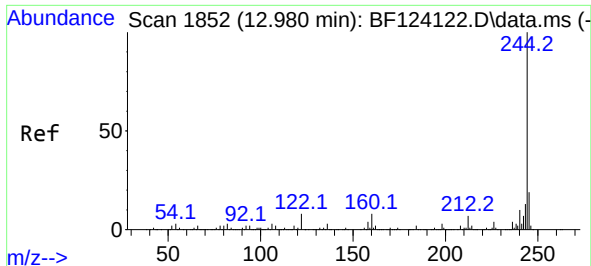
Tgt Ion:188 Resp: 203010
Ion Ratio Lower Upper
188 100
94 6.7 6.9 10.3#
80 10.1 8.2 12.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.963 min Scan# 2019
Delta R.T. 0.000 min
Lab File: BF124423.D
Acq: 22 Jun 2021 21:10

Tgt Ion:240 Resp: 88081
Ion Ratio Lower Upper
240 100
120 7.0 7.2 10.8#
236 27.1 19.0 28.4

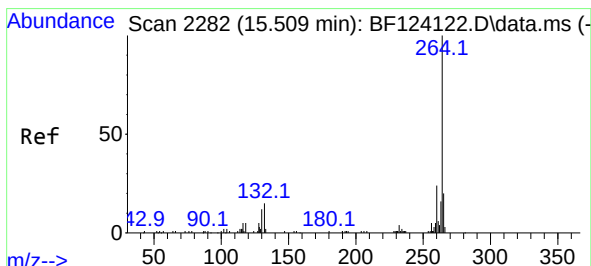
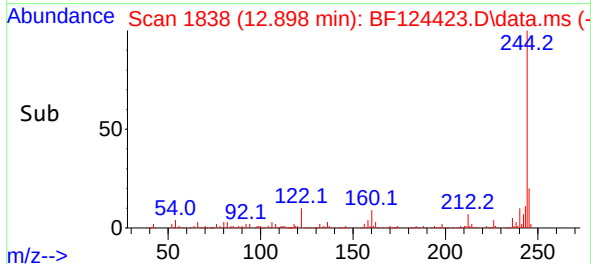
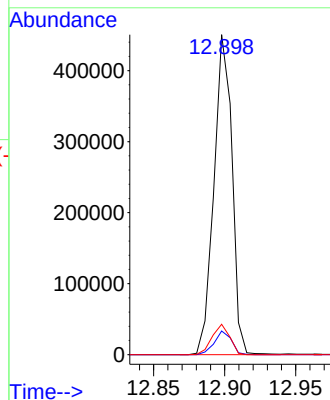
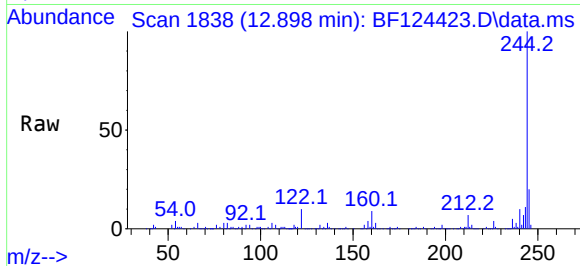




#79
Terphenyl-d14
Concen: 62.026 ng
RT: 12.898 min Scan# 1838
Delta R.T. -0.006 min
Lab File: BF124423.D
Acq: 22 Jun 2021 21:10

Instrument :
BNA_F
ClientSampleId :
CONCRETE-PAD

Tgt Ion:244 Resp: 397921
Ion Ratio Lower Upper
244 100
212 7.4 5.7 8.5
122 9.5 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: BF124423.D
Acq: 22 Jun 2021 21:10

Tgt Ion:264 Resp: 87505
Ion Ratio Lower Upper
264 100
260 20.4 18.7 28.1
265 20.6 17.8 26.8

