

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020425\
 Data File : BF141412.D
 Acq On : 04 Feb 2025 16:56
 Operator : RC/JU
 Sample : Q1262-03
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CONCRETE-PAD

Quant Time: Feb 04 17:21:34 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012925.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 29 17:41:25 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.787	152	69003	20.000	ng	-0.02
21) Naphthalene-d8	8.069	136	275893	20.000	ng	-0.02
39) Acenaphthene-d10	9.822	164	156816	20.000	ng	-0.02
64) Phenanthrene-d10	11.316	188	263787	20.000	ng	-0.01
76) Chrysene-d12	13.957	240	242944	20.000	ng	#-0.02
86) Perylene-d12	15.416	264	203062	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.410	112	249350	55.476	ng	0.00
7) Phenol-d6	6.428	99	366855	64.160	ng	-0.01
23) Nitrobenzene-d5	7.345	82	294531	56.278	ng	-0.02
42) 2,4,6-Tribromophenol	10.616	330	47228	32.851	ng	-0.02
45) 2-Fluorobiphenyl	9.145	172	589601	57.871	ng	-0.02
79) Terphenyl-d14	12.904	244	764232	48.513	ng	-0.01

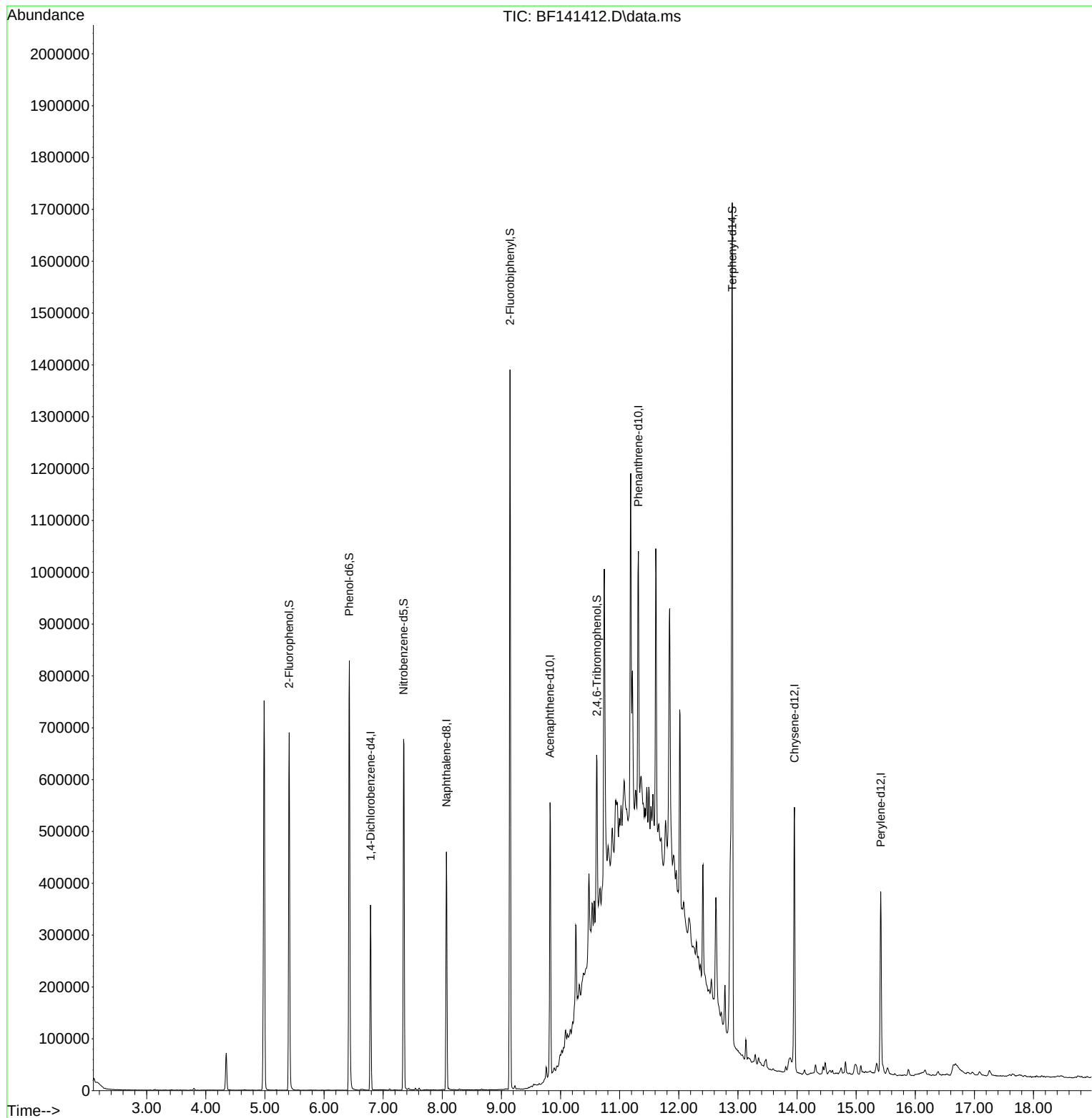
Target Compounds	Qvalue

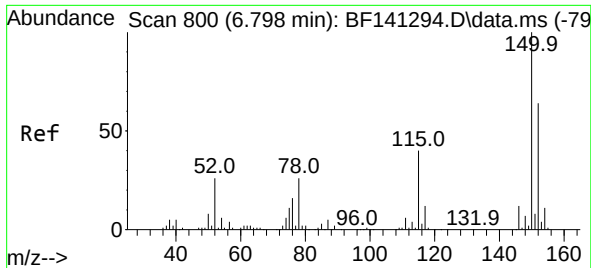
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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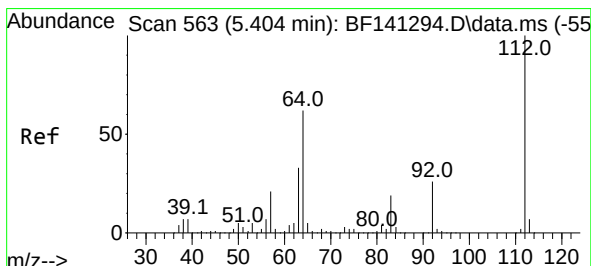
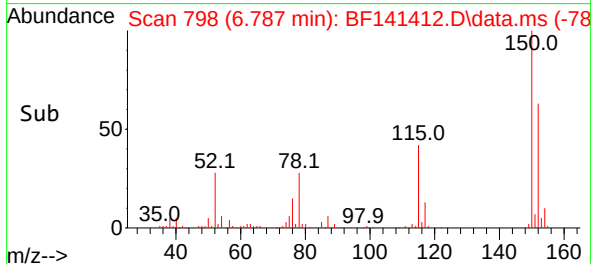
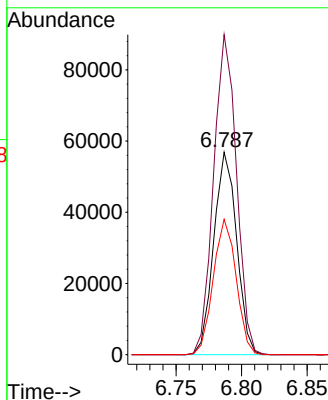
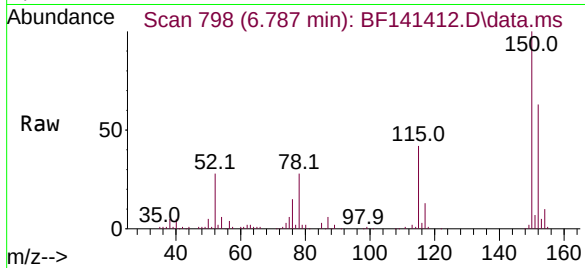




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.787 min Scan# 79
Delta R.T. -0.017 min
Lab File: BF141412.D
Acq: 04 Feb 2025 16:56

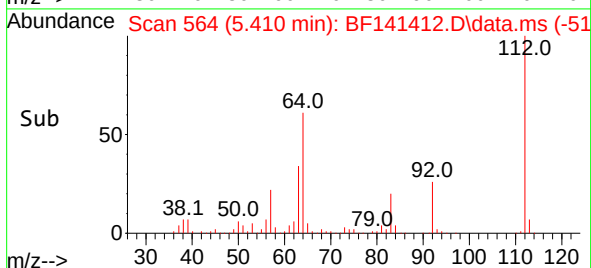
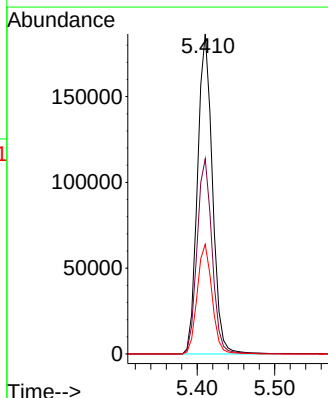
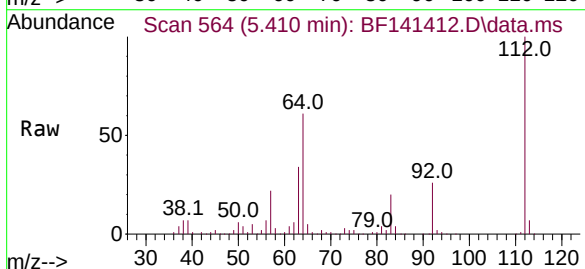
Instrument :
BNA_F
ClientSampleId :
CONCRETE-PAD

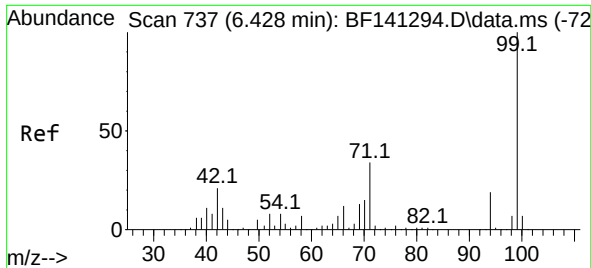
Tgt Ion:152 Resp: 69003
Ion Ratio Lower Upper
152 100
150 158.1 125.9 188.9
115 66.8 49.7 74.5



#5
2-Fluorophenol
Concen: 55.476 ng
RT: 5.410 min Scan# 564
Delta R.T. -0.000 min
Lab File: BF141412.D
Acq: 04 Feb 2025 16:56

Tgt Ion:112 Resp: 249350
Ion Ratio Lower Upper
112 100
64 61.0 49.8 74.8
63 34.2 26.1 39.1

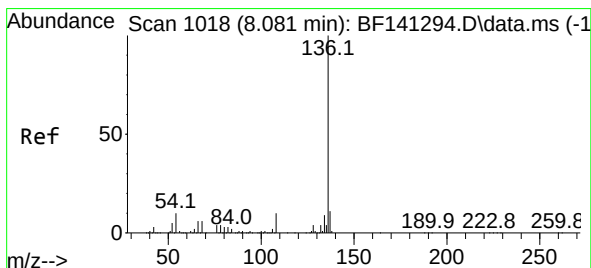
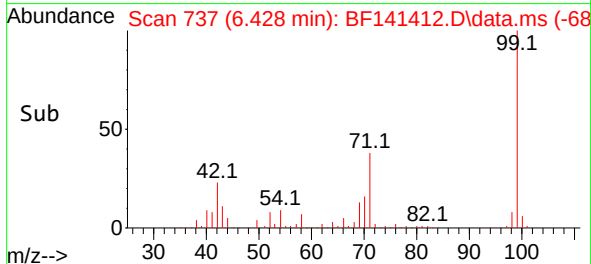
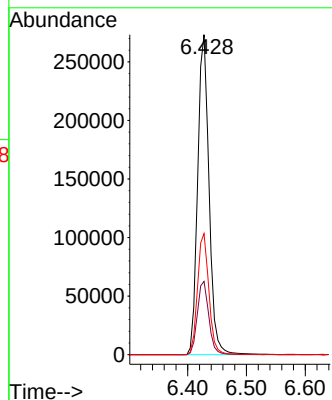
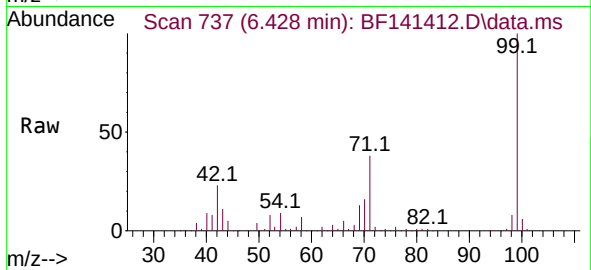




#7
Phenol-d6
Concen: 64.160 ng
RT: 6.428 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF141412.D
Acq: 04 Feb 2025 16:56

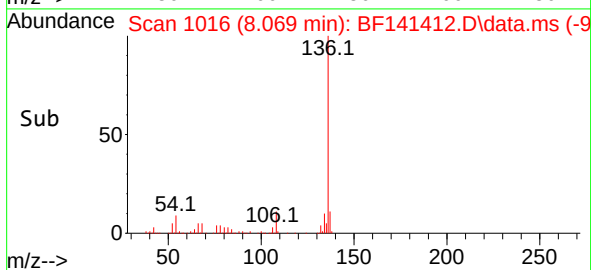
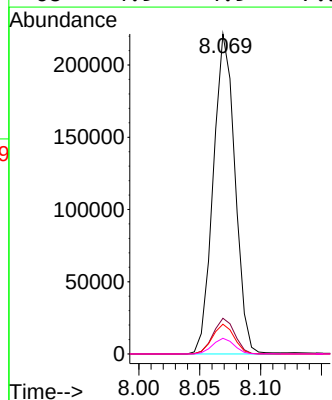
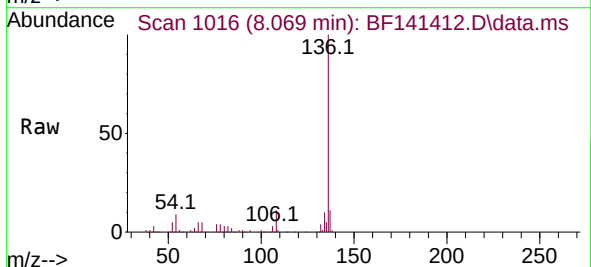
Instrument :
BNA_F
ClientSampleId :
CONCRETE-PAD

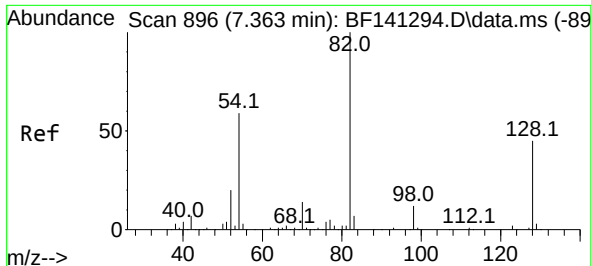
Tgt Ion: 99 Resp: 366855
Ion Ratio Lower Upper
99 100
42 22.9 17.1 25.7
71 37.8 26.9 40.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.069 min Scan# 1016
Delta R.T. -0.018 min
Lab File: BF141412.D
Acq: 04 Feb 2025 16:56

Tgt Ion: 136 Resp: 275893
Ion Ratio Lower Upper
136 100
137 11.1 8.6 13.0
54 9.3 7.8 11.8
68 4.9 4.9 7.3





#23

Nitrobenzene-d5

Concen: 56.278 ng

RT: 7.345 min Scan# 89

Delta R.T. -0.024 min

Lab File: BF141412.D

Acq: 04 Feb 2025 16:56

Instrument :

BNA_F

ClientSampleId :

CONCRETE-PAD

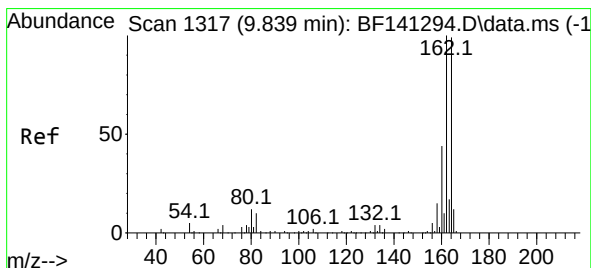
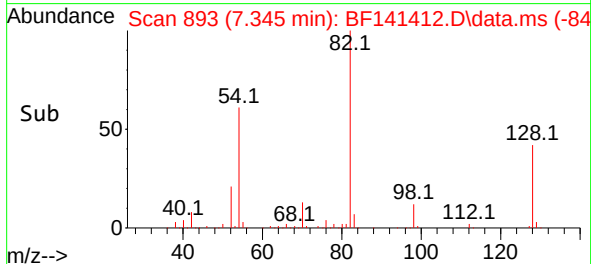
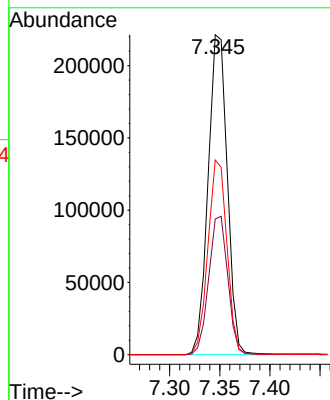
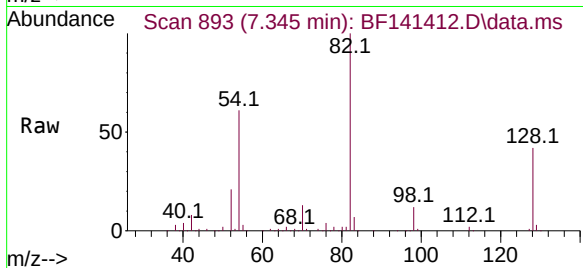
Tgt Ion: 82 Resp: 294531

Ion Ratio Lower Upper

82 100

128 42.4 35.7 53.5

54 60.8 47.1 70.7



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.822 min Scan# 1314

Delta R.T. -0.018 min

Lab File: BF141412.D

Acq: 04 Feb 2025 16:56

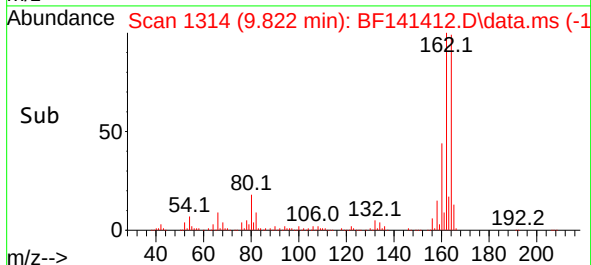
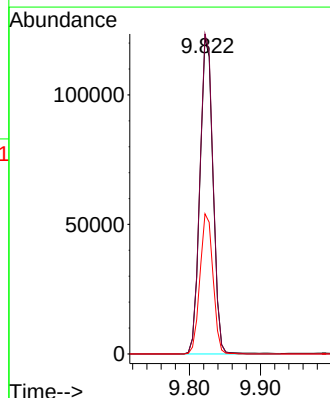
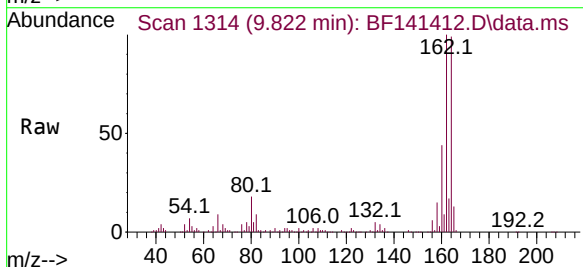
Tgt Ion:164 Resp: 156816

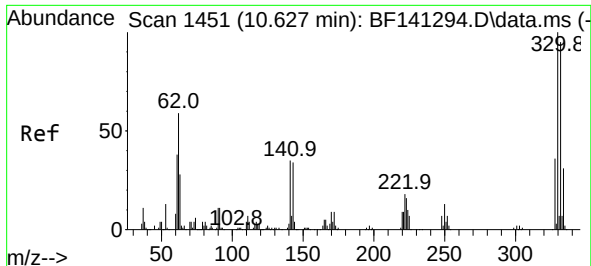
Ion Ratio Lower Upper

164 100

162 101.3 80.6 121.0

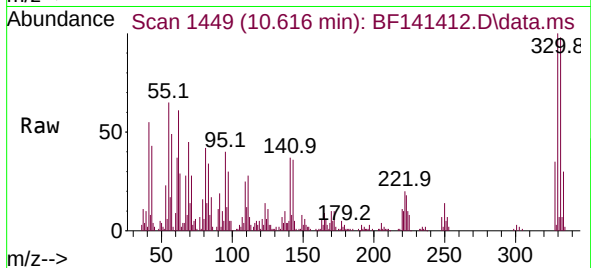
160 44.4 35.8 53.6



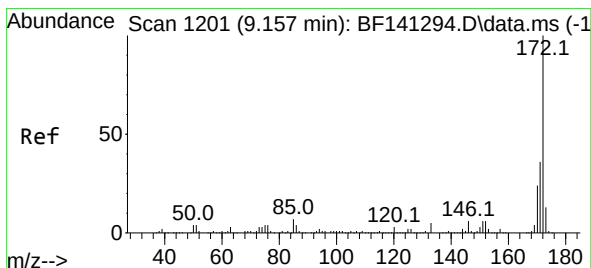
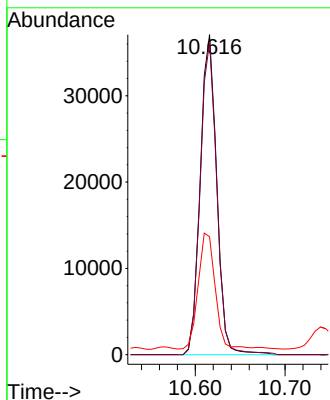
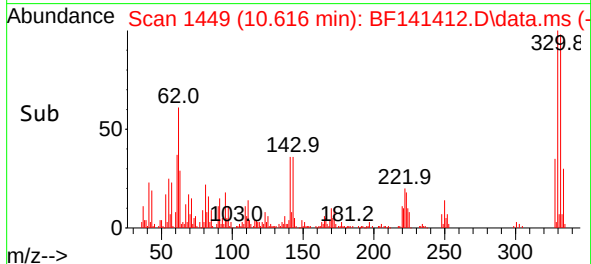


#42
2,4,6-Tribromophenol
Concen: 32.851 ng
RT: 10.616 min Scan# 1449
Delta R.T. -0.018 min
Lab File: BF141412.D
Acq: 04 Feb 2025 16:56

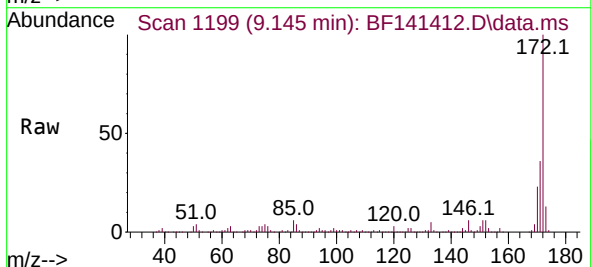
Instrument :
BNA_F
ClientSampleId :
CONCRETE-PAD



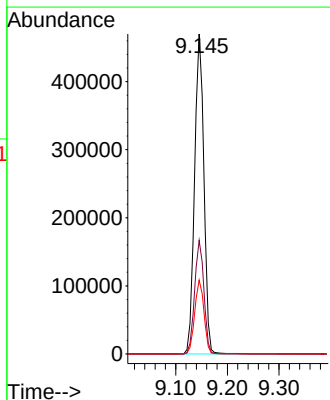
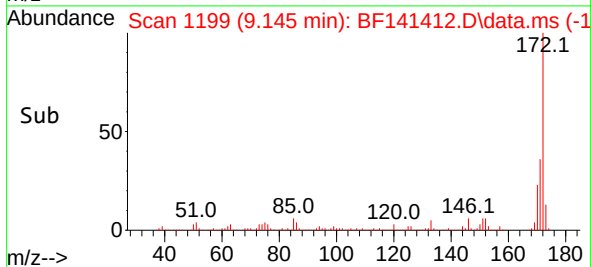
Tgt Ion:330 Resp: 47228
Ion Ratio Lower Upper
330 100
332 98.3 76.1 114.1
141 37.4 28.8 43.2

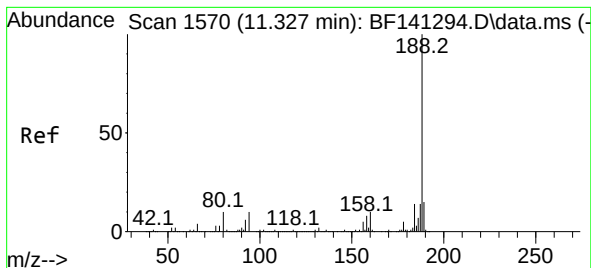


#45
2-Fluorobiphenyl
Concen: 57.871 ng
RT: 9.145 min Scan# 1199
Delta R.T. -0.018 min
Lab File: BF141412.D
Acq: 04 Feb 2025 16:56



Tgt Ion:172 Resp: 589601
Ion Ratio Lower Upper
172 100
171 35.5 28.8 43.2
170 23.1 19.0 28.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.316 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF141412.D

Acq: 04 Feb 2025 16:56

Instrument :

BNA_F

ClientSampleId :

CONCRETE-PAD

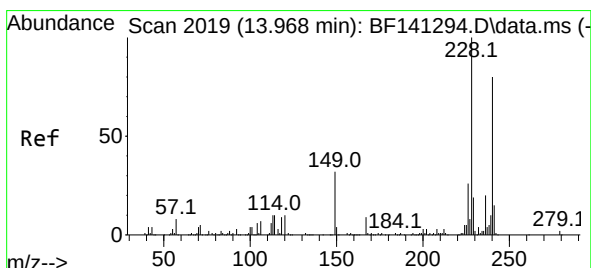
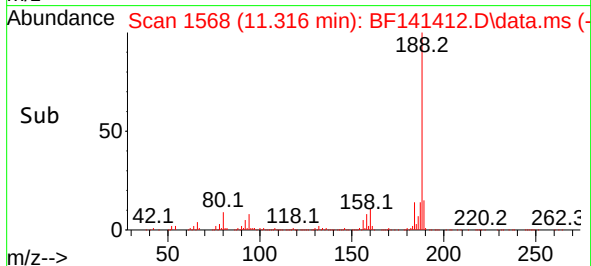
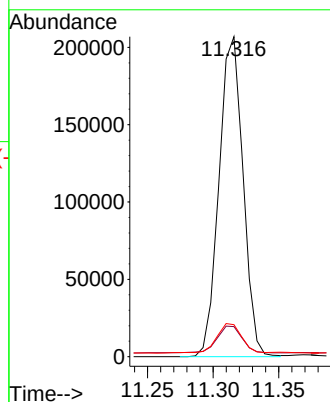
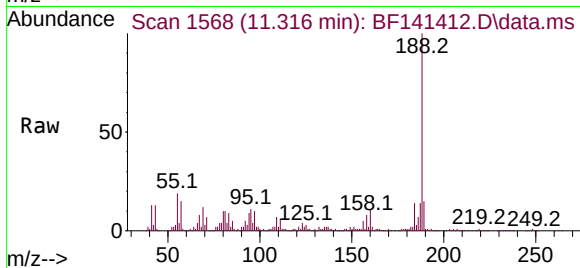
Tgt Ion:188 Resp: 263787

Ion Ratio Lower Upper

188 100

94 9.4 7.8 11.6

80 10.0 8.2 12.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.957 min Scan# 2017

Delta R.T. -0.018 min

Lab File: BF141412.D

Acq: 04 Feb 2025 16:56

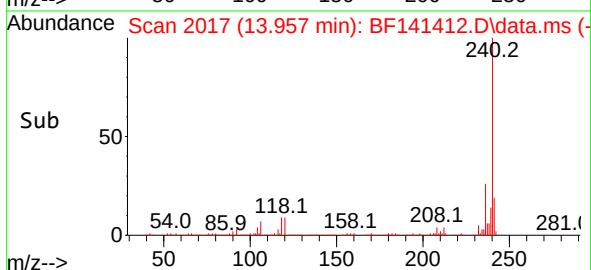
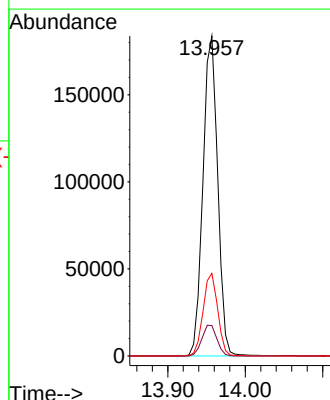
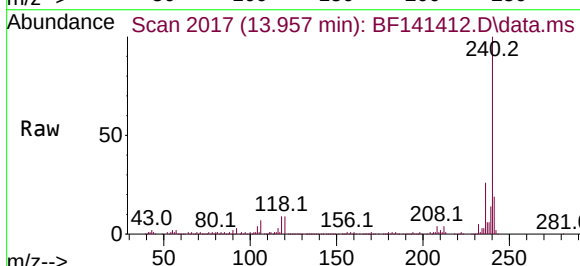
Tgt Ion:240 Resp: 242944

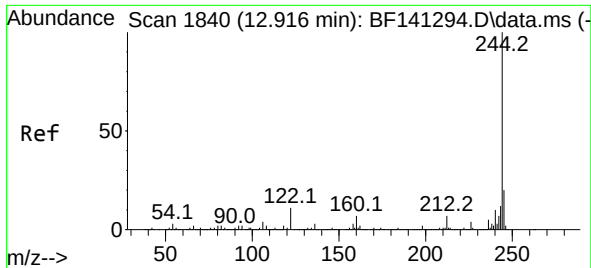
Ion Ratio Lower Upper

240 100

120 9.5 10.0 15.0#

236 25.8 19.7 29.5

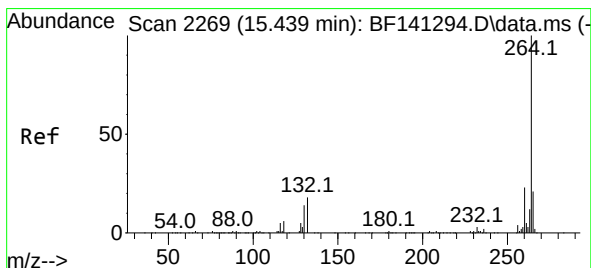
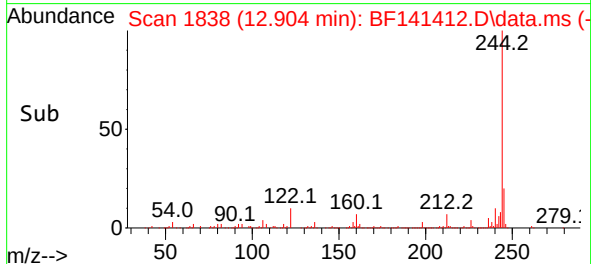
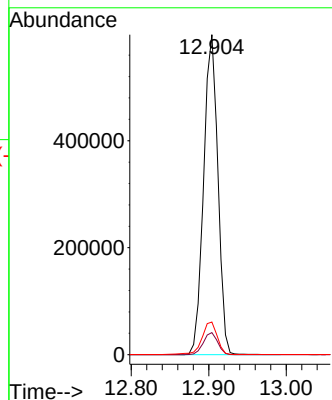
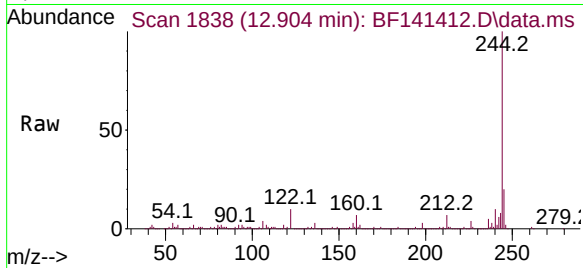




#79
Terphenyl-d14
Concen: 48.513 ng
RT: 12.904 min Scan# 1838
Delta R.T. -0.012 min
Lab File: BF141412.D
Acq: 04 Feb 2025 16:56

Instrument :
BNA_F
ClientSampleId :
CONCRETE-PAD

Tgt Ion:244 Resp: 764232
Ion Ratio Lower Upper
244 100
212 6.9 5.4 8.0
122 10.2 8.8 13.2



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.416 min Scan# 2265
Delta R.T. -0.024 min
Lab File: BF141412.D
Acq: 04 Feb 2025 16:56

Tgt Ion:264 Resp: 203062
Ion Ratio Lower Upper
264 100
260 23.1 18.6 27.8
265 21.4 16.7 25.1

