

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112425\
 Data File : BF144332.D
 Acq On : 24 Nov 2025 19:16
 Operator : RC/JU
 Sample : Q3710-04
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMPRESSOR-EXCAVATION

Quant Time: Nov 25 00:28:25 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 05 18:37:33 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	60560	20.000	ng	-0.01
21) Naphthalene-d8	8.145	136	228456	20.000	ng	-0.01
39) Acenaphthene-d10	9.898	164	126087	20.000	ng	-0.02
64) Phenanthrene-d10	11.392	188	214415	20.000	ng	-0.01
76) Chrysene-d12	14.039	240	131742	20.000	ng	#-0.01
86) Perylene-d12	15.521	264	175617	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	455557	117.716	ng	0.00
7) Phenol-d6	6.498	99	479707	109.398	ng	0.00
23) Nitrobenzene-d5	7.428	82	351002	88.735	ng	0.00
42) 2,4,6-Tribromophenol	10.692	330	205630	129.961	ng	-0.01
45) 2-Fluorobiphenyl	9.222	172	743181	87.053	ng	0.00
79) Terphenyl-d14	12.980	244	754675	90.991	ng	-0.01

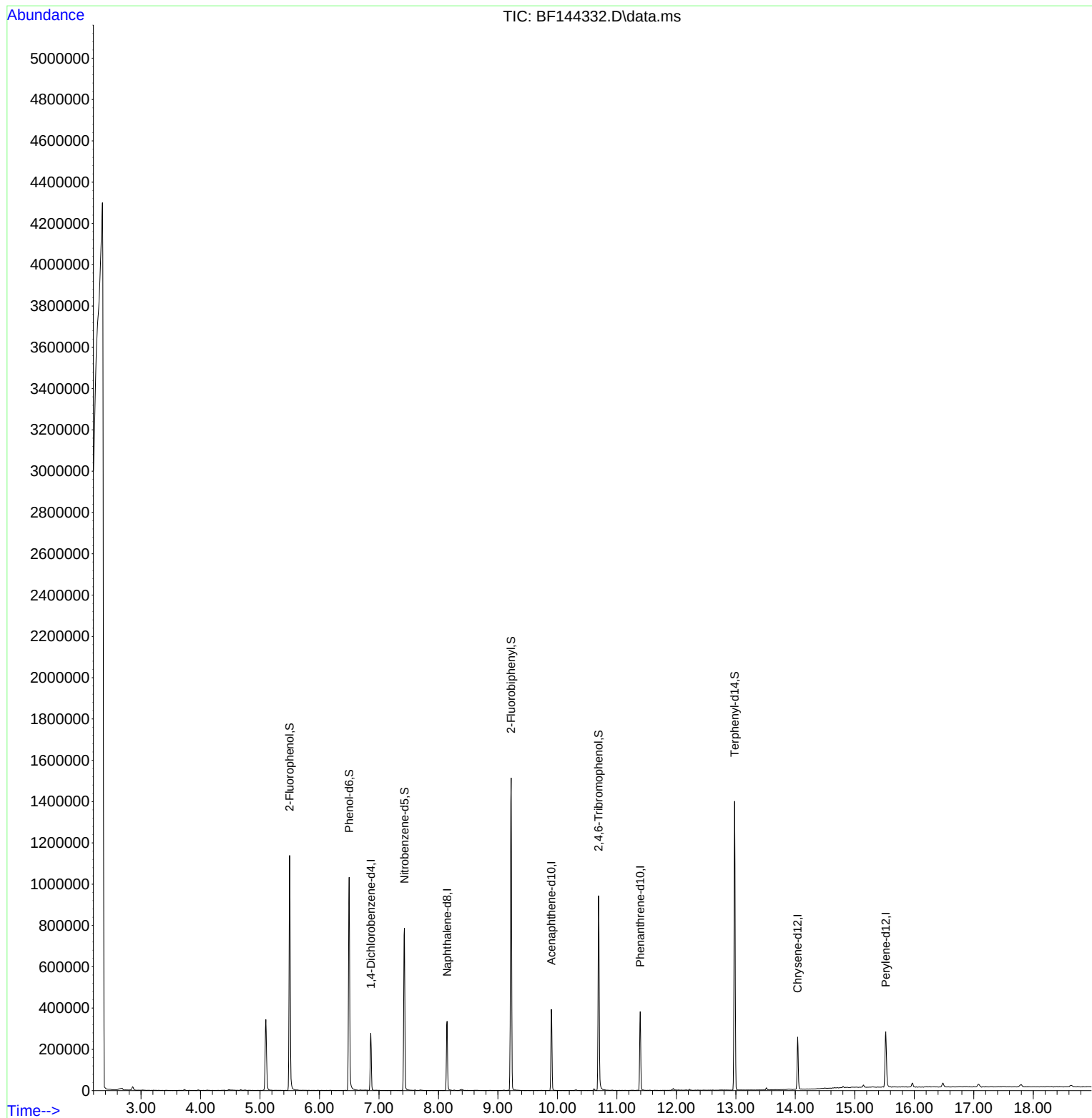
Target Compounds	Qvalue

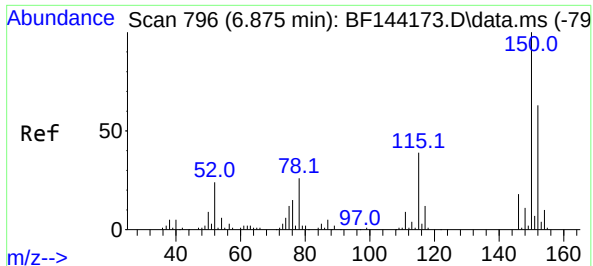
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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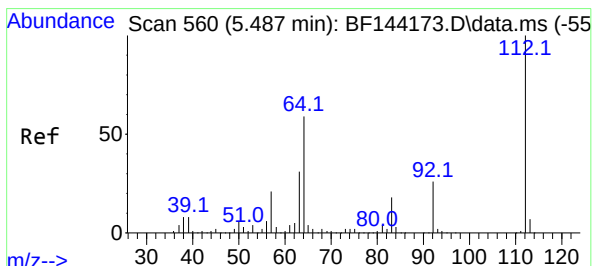
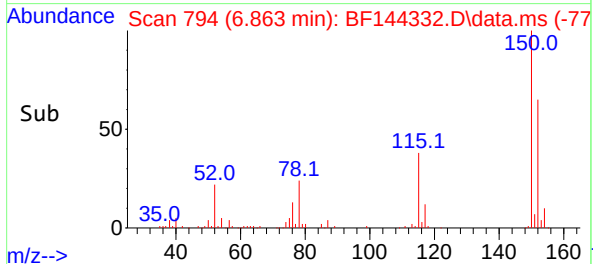
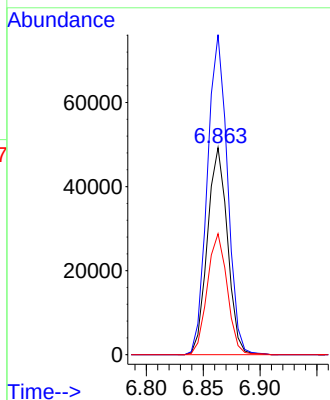
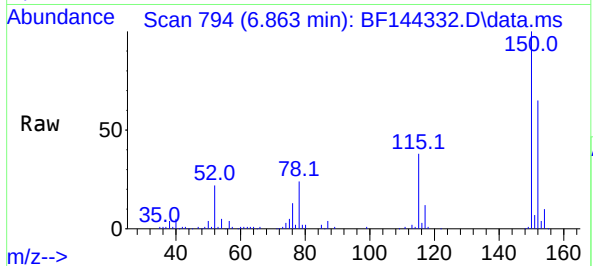




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.863 min Scan# 794
 Delta R.T. -0.012 min
 Lab File: BF144332.D
 Acq: 24 Nov 2025 19:16

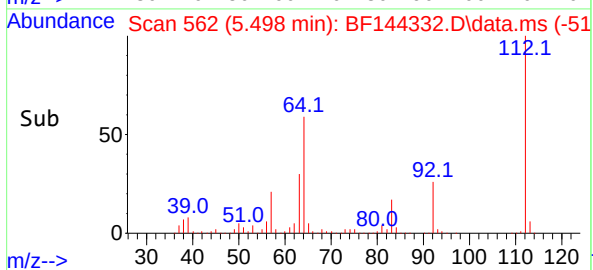
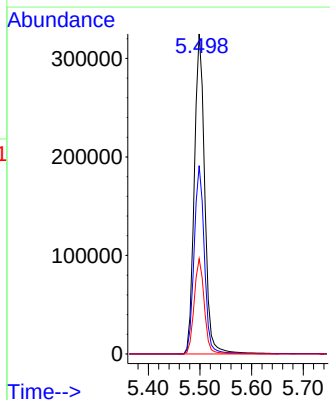
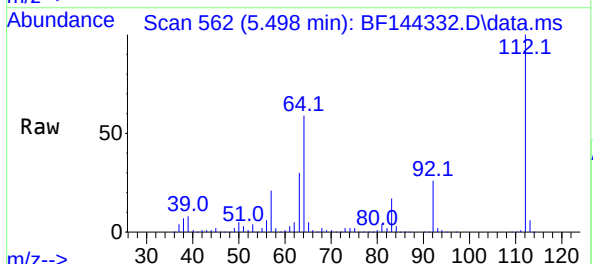
Instrument :
 BNA_F
 ClientSampleId :
 COMPRESSOR-EXCAVATION

Tgt Ion:152 Resp: 60560
 Ion Ratio Lower Upper
 152 100
 150 154.6 127.4 191.0
 115 58.4 49.5 74.3

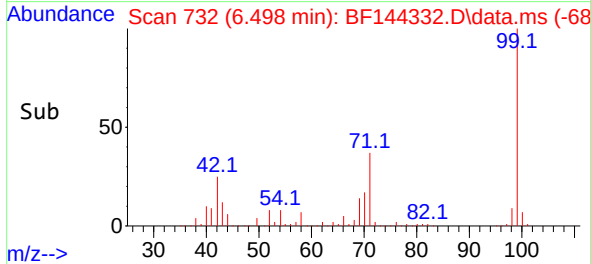
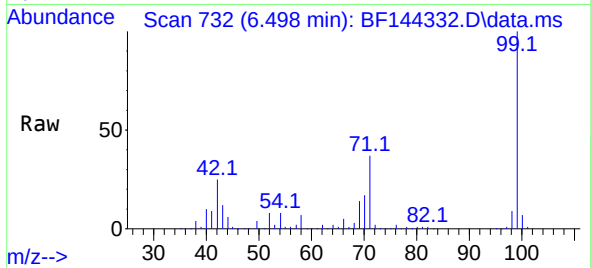
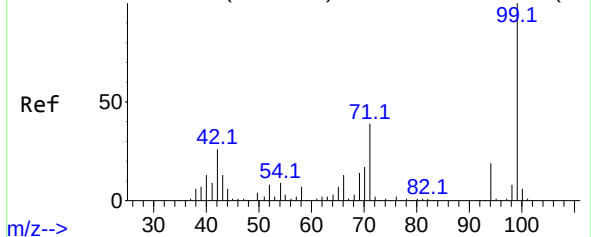


#5
 2-Fluorophenol
 Concen: 117.716 ng
 RT: 5.498 min Scan# 562
 Delta R.T. 0.006 min
 Lab File: BF144332.D
 Acq: 24 Nov 2025 19:16

Tgt Ion:112 Resp: 455557
 Ion Ratio Lower Upper
 112 100
 64 58.9 47.2 70.8
 63 29.7 24.4 36.6



Abundance Scan 733 (6.504 min): BF144173.D\data.ms (-72



#7

Phenol-d6

Concen: 109.398 ng

RT: 6.498 min Scan# 71

Delta R.T. -0.000 min

Lab File: BF144332.D

Acq: 24 Nov 2025 19:16

Instrument :

BNA_F

ClientSampleId :

COMPRESSOR-EXCAVATION

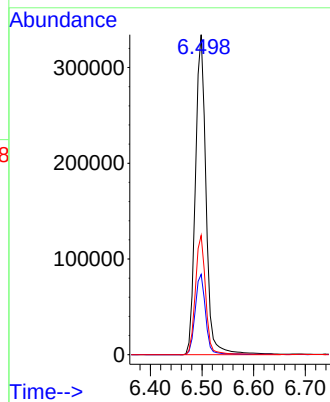
Tgt Ion: 99 Resp: 479707

Ion Ratio Lower Upper

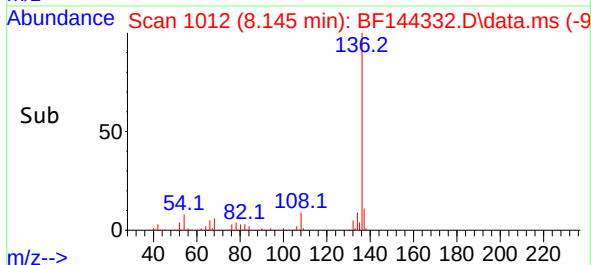
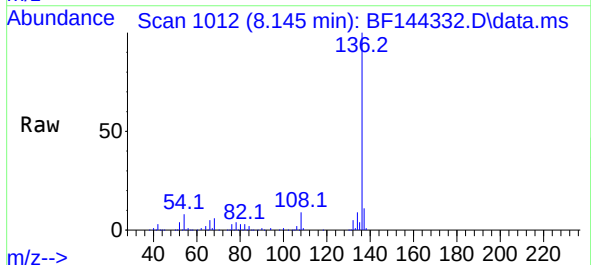
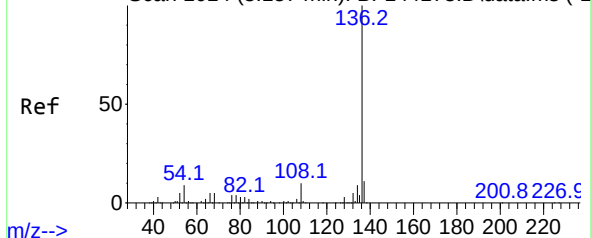
99 100

42 25.1 20.9 31.3

71 37.2 31.4 47.2



Abundance Scan 1014 (8.157 min): BF144173.D\data.ms (-1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.145 min Scan# 1012

Delta R.T. -0.012 min

Lab File: BF144332.D

Acq: 24 Nov 2025 19:16

Tgt Ion:136 Resp: 228456

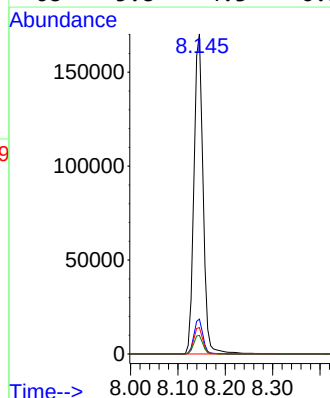
Ion Ratio Lower Upper

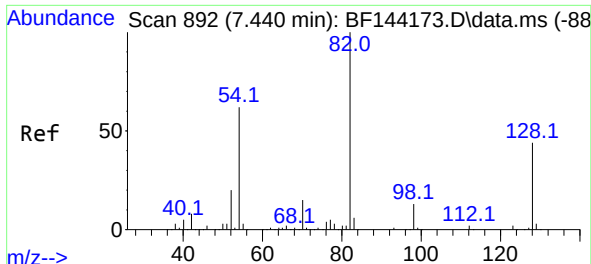
136 100

137 10.9 8.6 13.0

54 8.3 7.0 10.6

68 5.8 4.3 6.5





#23

Nitrobenzene-d5

Concen: 88.735 ng

RT: 7.428 min Scan# 89

Delta R.T. -0.006 min

Lab File: BF144332.D

Acq: 24 Nov 2025 19:16

Instrument :

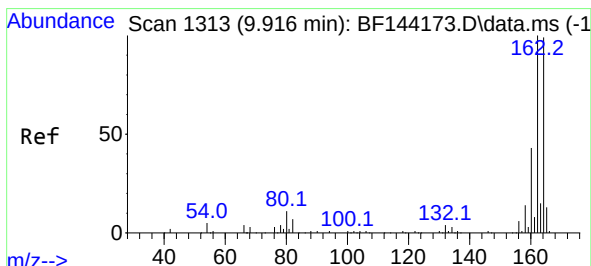
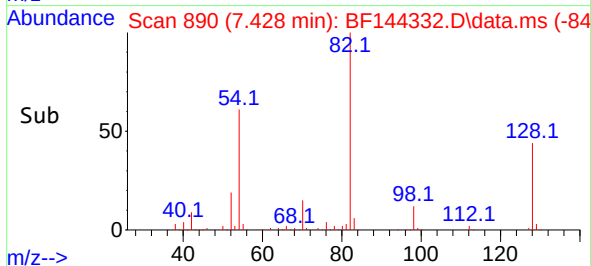
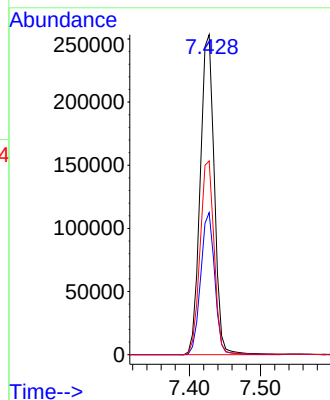
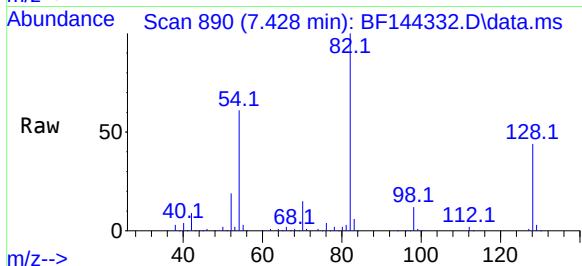
BNA_F

ClientSampleId :

COMPRESSOR-EXCAVATION

Tgt Ion: 82 Resp: 351002

Ion	Ratio	Lower	Upper
82	100		
128	44.4	34.7	52.1
54	60.5	49.5	74.3



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.898 min Scan# 1310

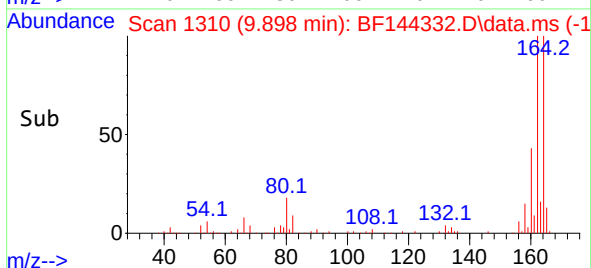
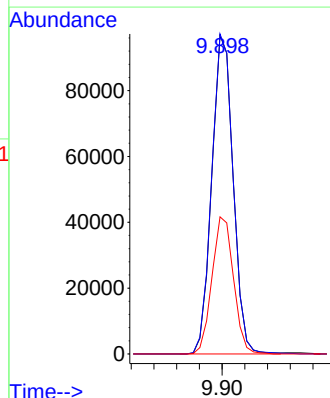
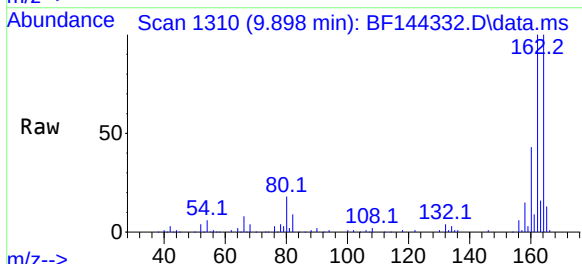
Delta R.T. -0.018 min

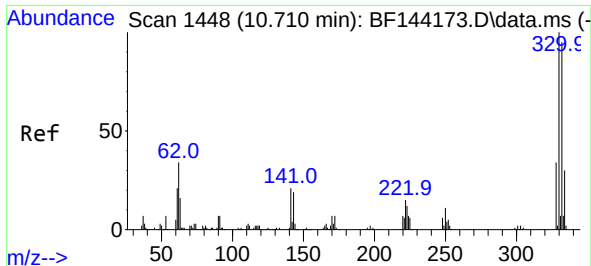
Lab File: BF144332.D

Acq: 24 Nov 2025 19:16

Tgt Ion:164 Resp: 126087

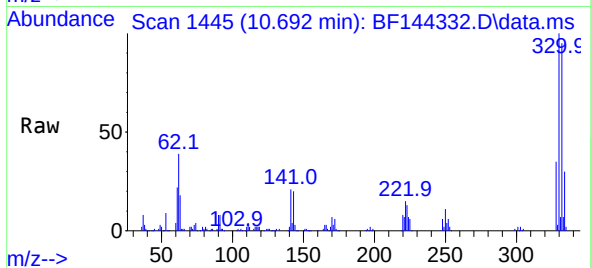
Ion	Ratio	Lower	Upper
164	100		
162	100.4	81.1	121.7
160	43.0	34.5	51.7



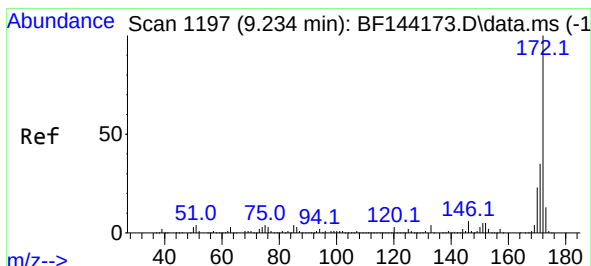
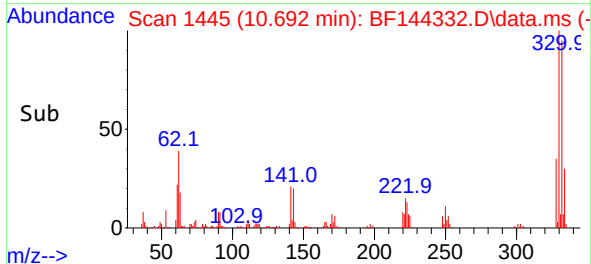
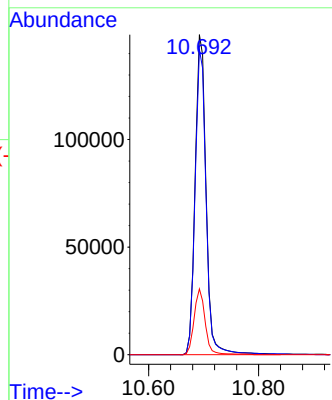


#42
2,4,6-Tribromophenol
Concen: 129.961 ng
RT: 10.692 min Scan# 1445
Delta R.T. -0.012 min
Lab File: BF144332.D
Acq: 24 Nov 2025 19:16

Instrument :
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ClientSampleId :
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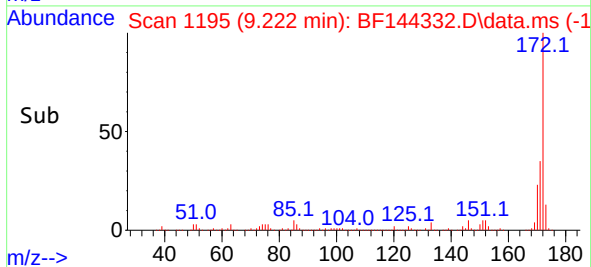
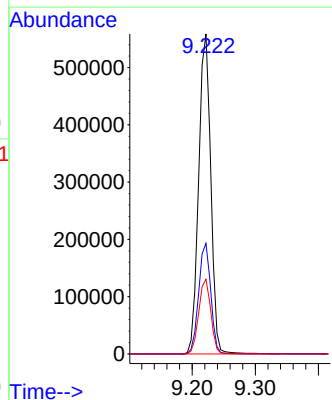
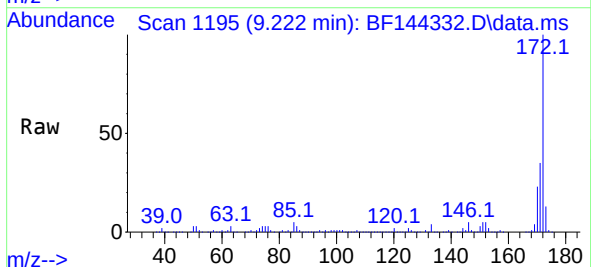


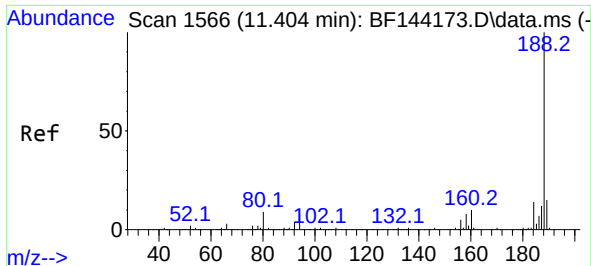
Tgt Ion:330 Resp: 205630
Ion Ratio Lower Upper
330 100
332 95.6 76.7 115.1
141 20.8 17.8 26.8



#45
2-Fluorobiphenyl
Concen: 87.053 ng
RT: 9.222 min Scan# 1195
Delta R.T. -0.006 min
Lab File: BF144332.D
Acq: 24 Nov 2025 19:16

Tgt Ion:172 Resp: 743181
Ion Ratio Lower Upper
172 100
171 34.5 28.1 42.1
170 23.4 18.6 28.0

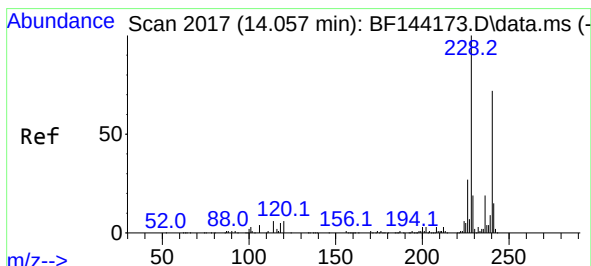
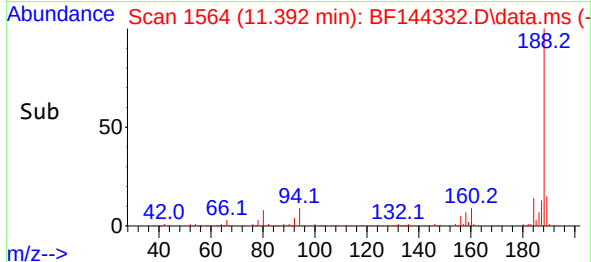
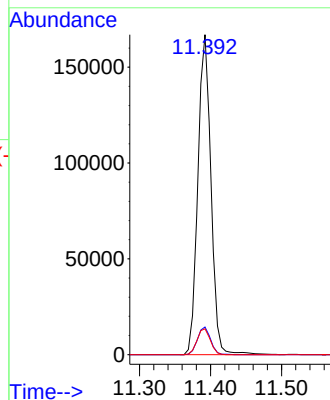
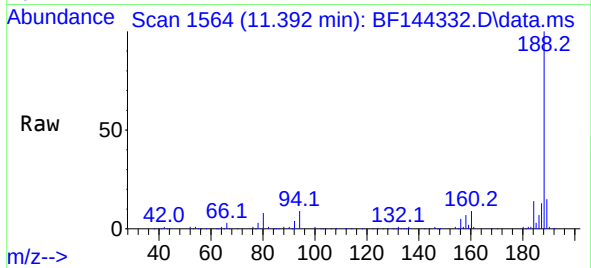




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.392 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF144332.D
Acq: 24 Nov 2025 19:16

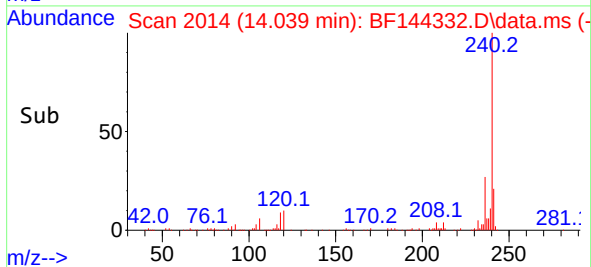
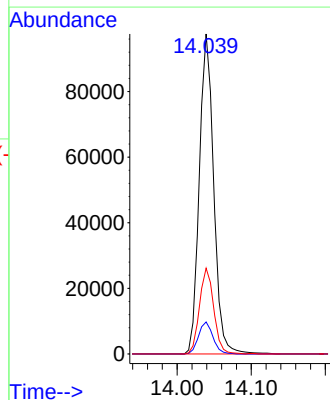
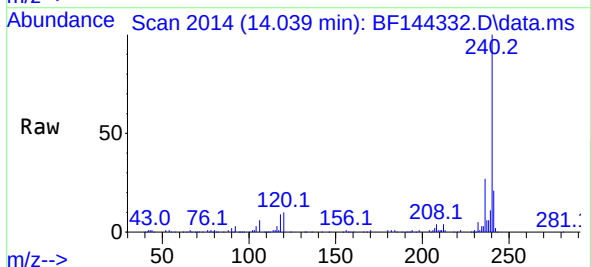
Instrument :
BNA_F
ClientSampleId :
COMPRESSOR-EXCAVATION

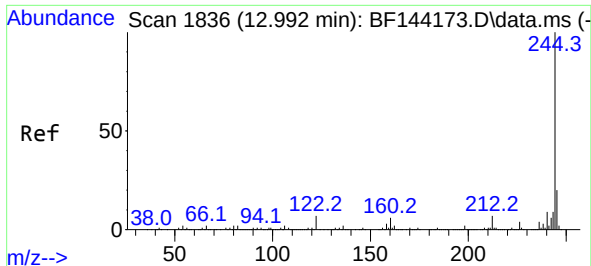
Tgt Ion:188 Resp: 214415
Ion Ratio Lower Upper
188 100
94 8.7 6.2 9.2
80 8.1 6.9 10.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 2014
Delta R.T. -0.012 min
Lab File: BF144332.D
Acq: 24 Nov 2025 19:16

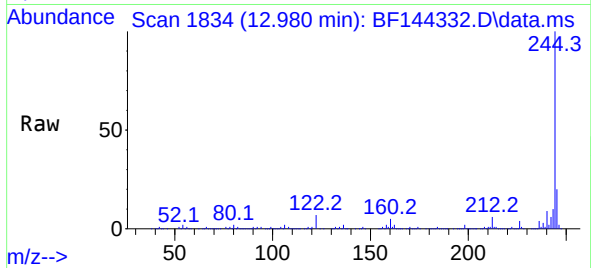
Tgt Ion:240 Resp: 131742
Ion Ratio Lower Upper
240 100
120 10.0 6.6 10.0#
236 26.8 21.4 32.2



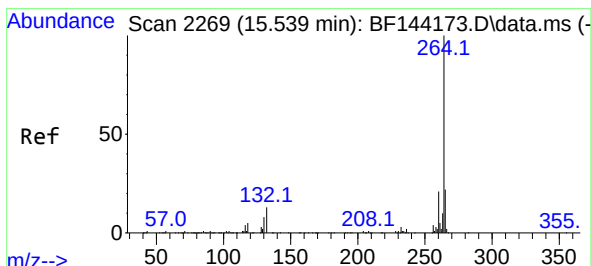
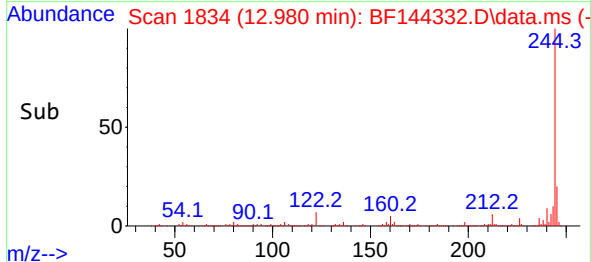
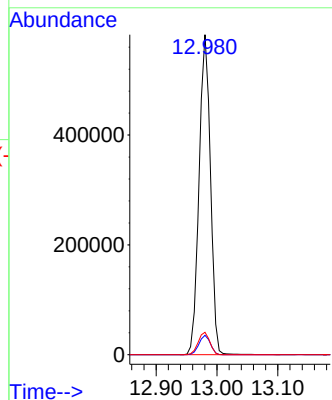


#79
 Terphenyl-d14
 Concen: 90.991 ng
 RT: 12.980 min Scan# 1834
 Delta R.T. -0.012 min
 Lab File: BF144332.D
 Acq: 24 Nov 2025 19:16

Instrument :
 BNA_F
 ClientSampleId :
 COMPRESSOR-EXCAVATION



Tgt Ion:244 Resp: 754675
 Ion Ratio Lower Upper
 244 100
 212 6.0 5.3 7.9
 122 7.0 5.6 8.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.521 min Scan# 2266
 Delta R.T. -0.018 min
 Lab File: BF144332.D
 Acq: 24 Nov 2025 19:16

Tgt Ion:264 Resp: 175617
 Ion Ratio Lower Upper
 264 100
 260 21.8 17.1 25.7
 265 21.1 17.4 26.0

