

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060425\
 Data File : BF142607.D
 Acq On : 04 Jun 2025 15:17
 Operator : RC/JU
 Sample : Q2160-05
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP05-MHH-WC

Quant Time: Jun 04 15:51:14 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 20 16:26:47 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	120595	20.000	ng	-0.01
21) Naphthalene-d8	8.181	136	450506	20.000	ng	0.00
39) Acenaphthene-d10	9.933	164	221668	20.000	ng	-0.01
64) Phenanthrene-d10	11.422	188	319500	20.000	ng	-0.01
76) Chrysene-d12	14.063	240	207901	20.000	ng	#-0.01
86) Perylene-d12	15.557	264	272389	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	470037	65.666	ng	0.00
7) Phenol-d6	6.516	99	600828	69.730	ng	-0.02
23) Nitrobenzene-d5	7.451	82	309256	37.432	ng	-0.02
42) 2,4,6-Tribromophenol	10.722	330	136543	55.500	ng	-0.02
45) 2-Fluorobiphenyl	9.251	172	585182	35.424	ng	-0.02
79) Terphenyl-d14	13.004	244	464321	30.520	ng	-0.01

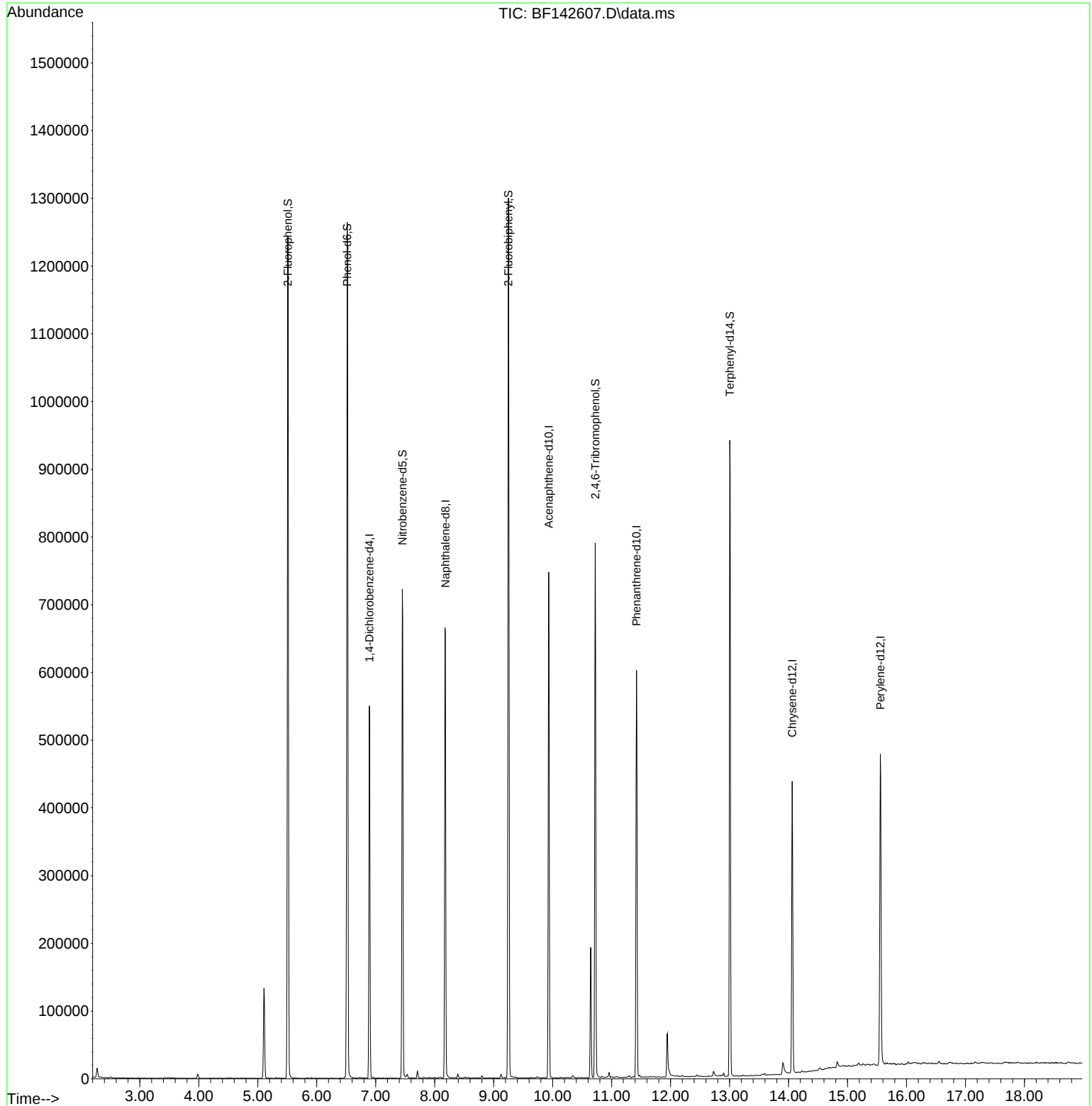
Target Compounds	Qvalue

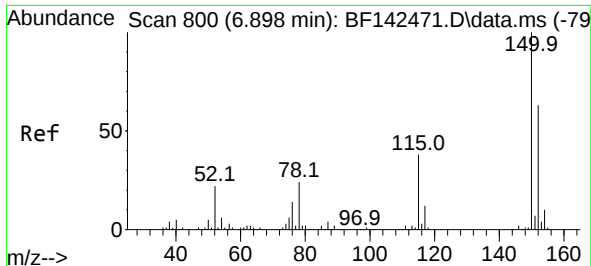
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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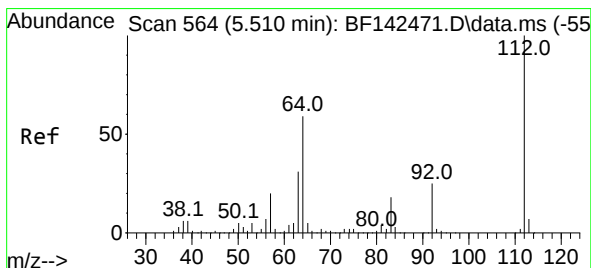
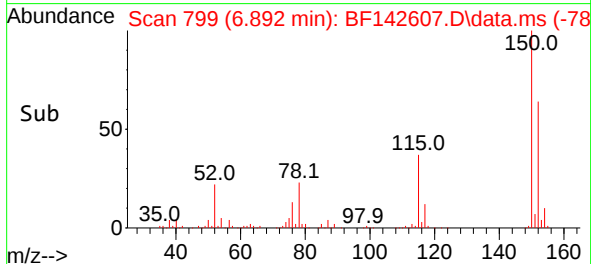
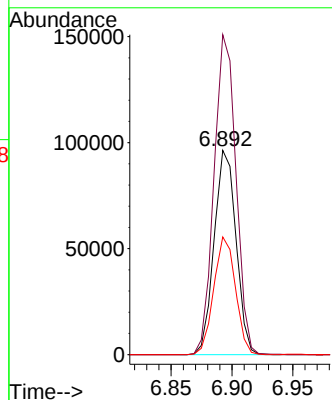
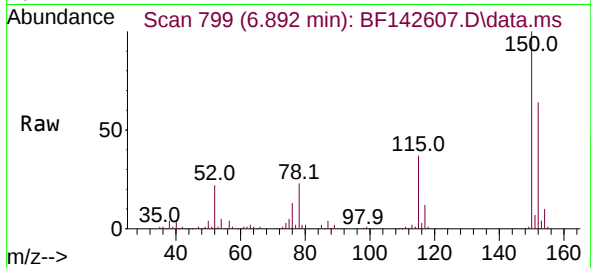




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.892 min Scan# 79
Delta R.T. -0.012 min
Lab File: BF142607.D
Acq: 04 Jun 2025 15:17

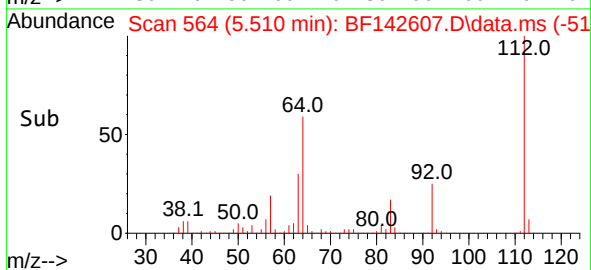
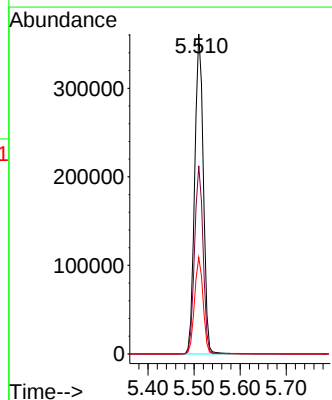
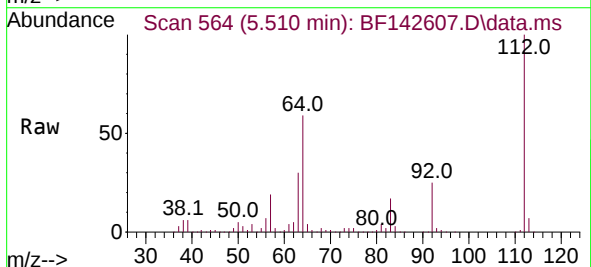
Instrument :
BNA_F
ClientSampleId :
TP05-MHH-WC

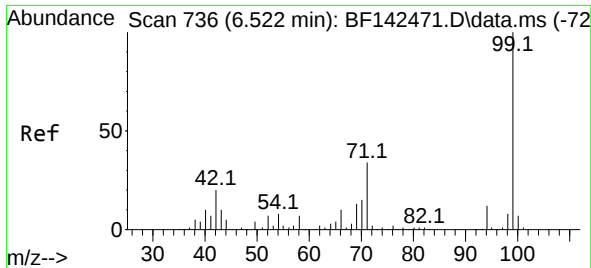
Tgt Ion:152 Resp: 120595
Ion Ratio Lower Upper
152 100
150 156.7 128.2 192.4
115 57.6 48.3 72.5



#5
2-Fluorophenol
Concen: 65.666 ng
RT: 5.510 min Scan# 564
Delta R.T. -0.006 min
Lab File: BF142607.D
Acq: 04 Jun 2025 15:17

Tgt Ion:112 Resp: 470037
Ion Ratio Lower Upper
112 100
64 58.8 47.5 71.3
63 30.1 24.9 37.3

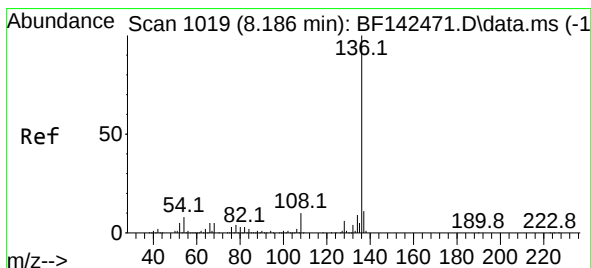
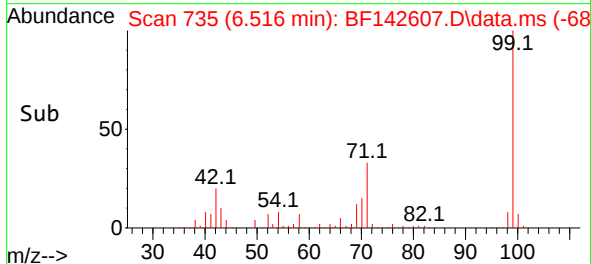
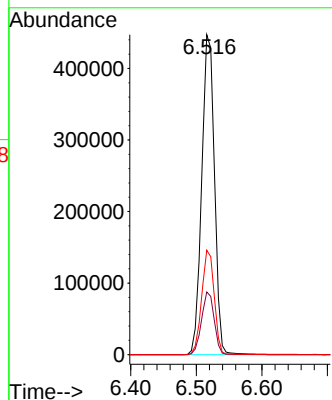
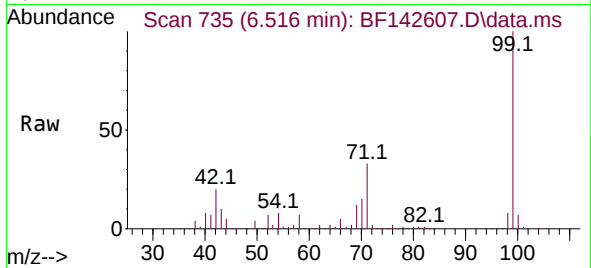




#7
Phenol-d6
Concen: 69.730 ng
RT: 6.516 min Scan# 736
Delta R.T. -0.018 min
Lab File: BF142607.D
Acq: 04 Jun 2025 15:17

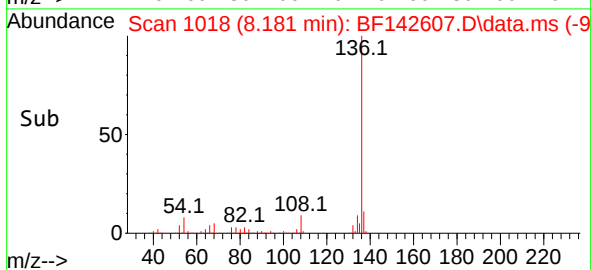
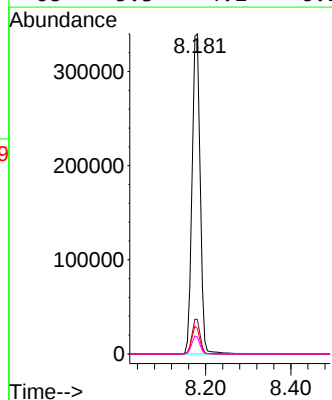
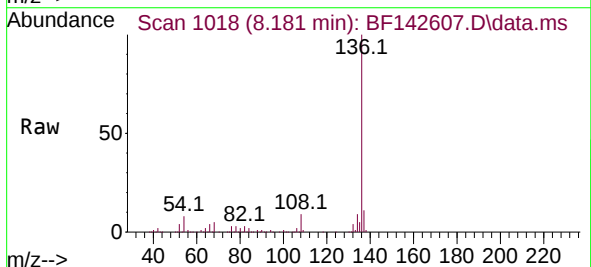
Instrument :
BNA_F
ClientSampleId :
TP05-MHH-WC

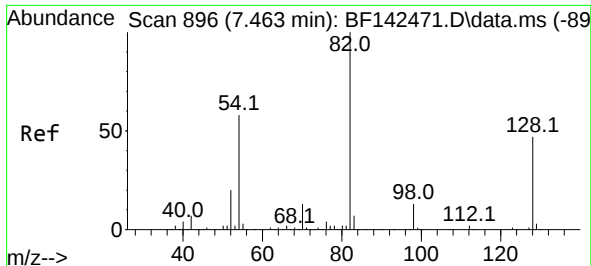
Tgt Ion: 99 Resp: 600828
Ion Ratio Lower Upper
99 100
42 19.6 16.2 24.2
71 32.6 27.3 40.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.181 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BF142607.D
Acq: 04 Jun 2025 15:17

Tgt Ion: 136 Resp: 450506
Ion Ratio Lower Upper
136 100
137 10.8 8.6 13.0
54 8.0 6.6 10.0
68 5.3 4.1 6.1

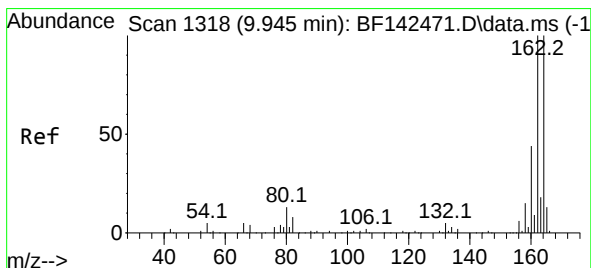
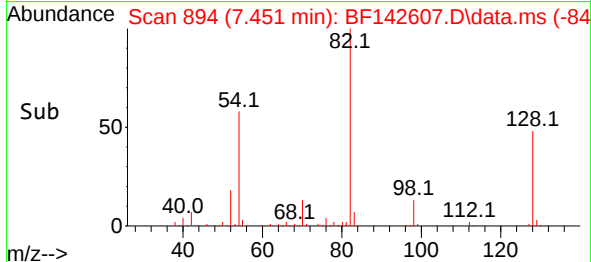
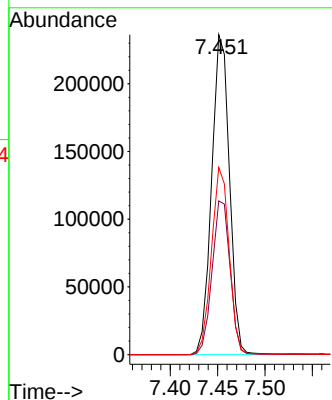
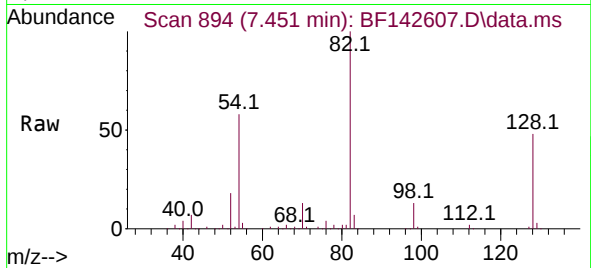




#23
Nitrobenzene-d5
Concen: 37.432 ng
RT: 7.451 min Scan# 89
Delta R.T. -0.023 min
Lab File: BF142607.D
Acq: 04 Jun 2025 15:17

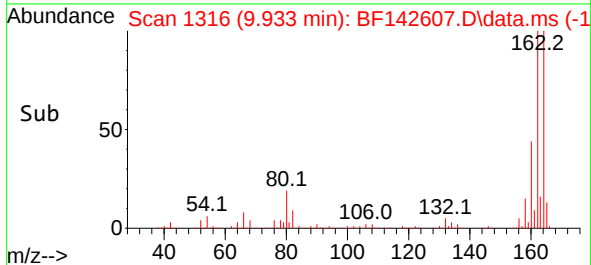
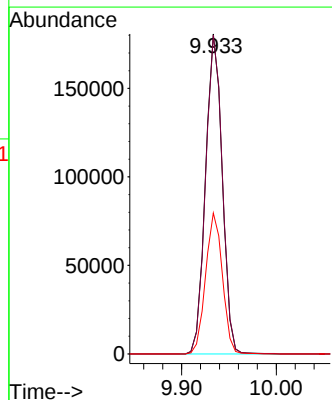
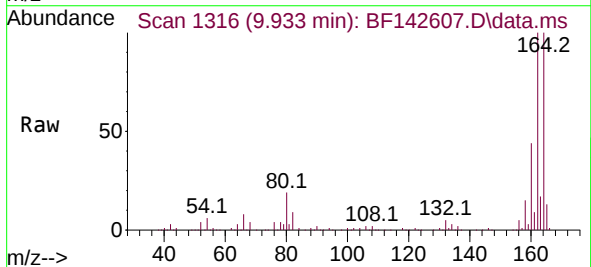
Instrument :
BNA_F
ClientSampleId :
TP05-MHH-WC

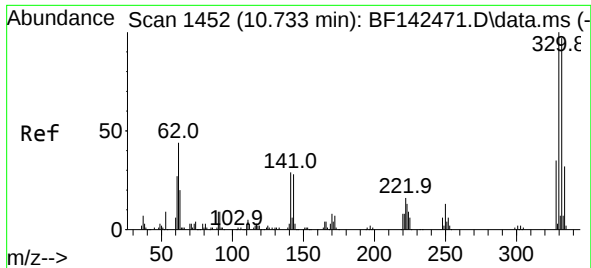
Tgt Ion: 82 Resp: 309256
Ion Ratio Lower Upper
82 100
128 48.0 37.4 56.2
54 58.5 46.6 70.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.933 min Scan# 1316
Delta R.T. -0.012 min
Lab File: BF142607.D
Acq: 04 Jun 2025 15:17

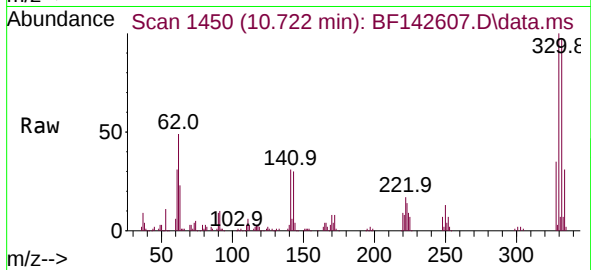
Tgt Ion:164 Resp: 221668
Ion Ratio Lower Upper
164 100
162 99.6 80.2 120.4
160 44.0 35.6 53.4



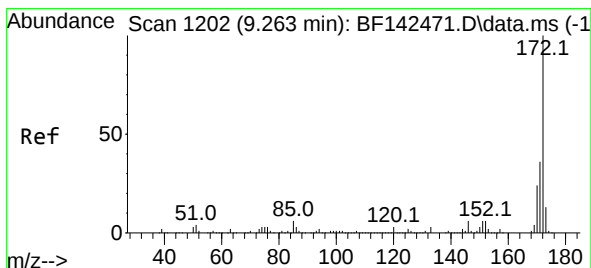
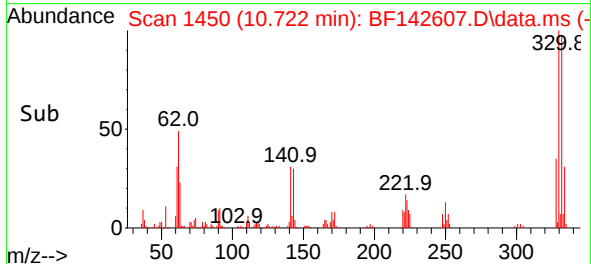
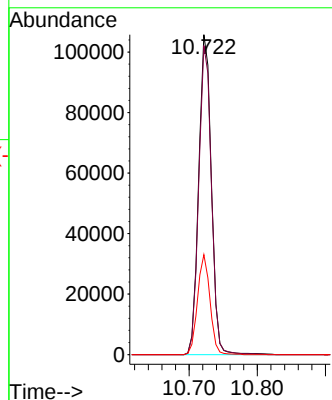


#42
2,4,6-Tribromophenol
Concen: 55.500 ng
RT: 10.722 min Scan# 14
Delta R.T. -0.018 min
Lab File: BF142607.D
Acq: 04 Jun 2025 15:17

Instrument :
BNA_F
ClientSampleId :
TP05-MHH-WC

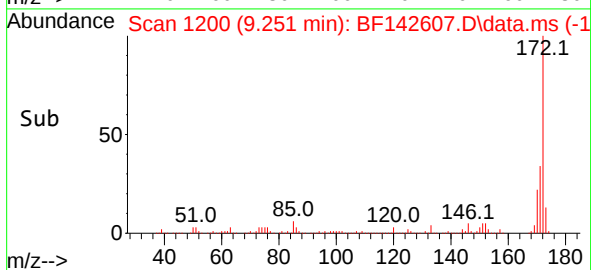
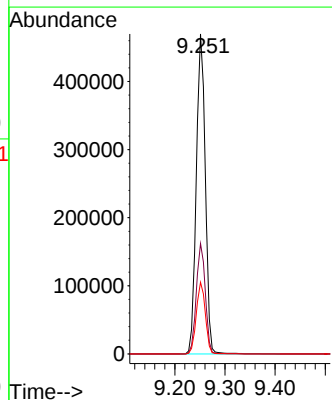
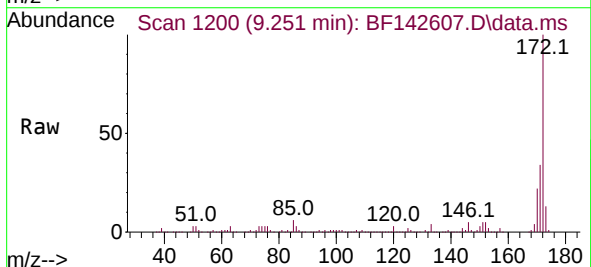


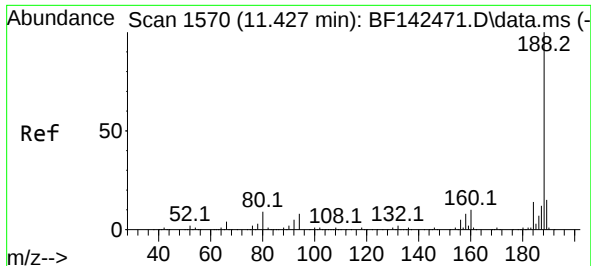
Tgt Ion:330 Resp: 136543
Ion Ratio Lower Upper
330 100
332 96.6 77.6 116.4
141 30.6 24.6 36.8



#45
2-Fluorobiphenyl
Concen: 35.424 ng
RT: 9.251 min Scan# 1200
Delta R.T. -0.018 min
Lab File: BF142607.D
Acq: 04 Jun 2025 15:17

Tgt Ion:172 Resp: 585182
Ion Ratio Lower Upper
172 100
171 34.5 28.6 42.8
170 22.4 18.9 28.3

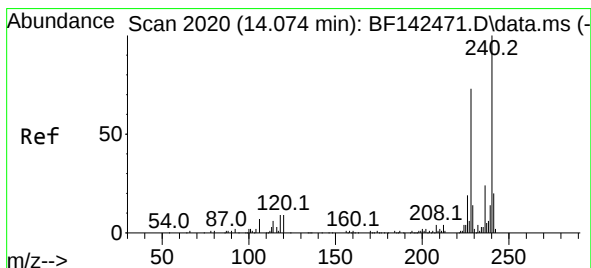
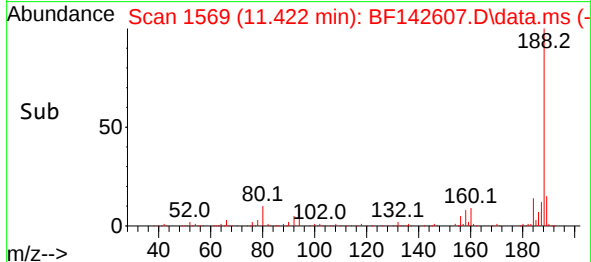
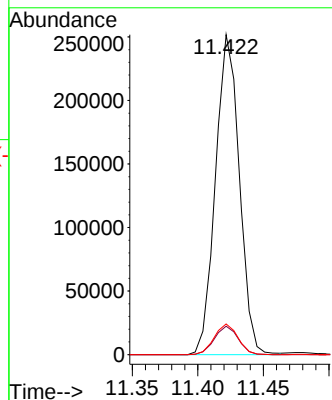
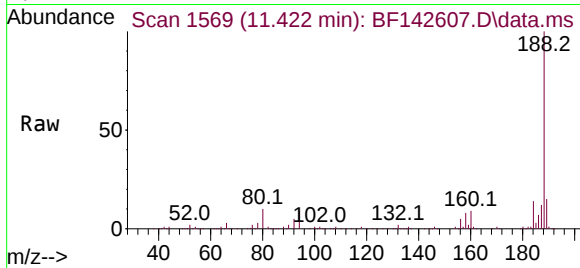




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.422 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF142607.D
Acq: 04 Jun 2025 15:17

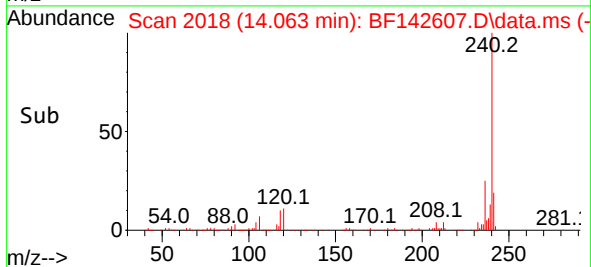
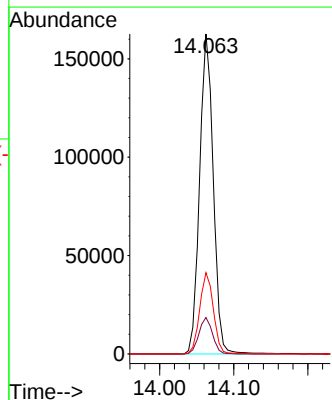
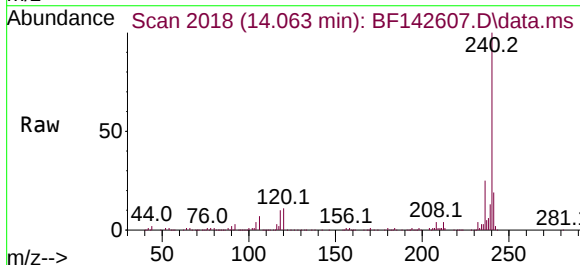
Instrument :
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ClientSampleId :
TP05-MHH-WC

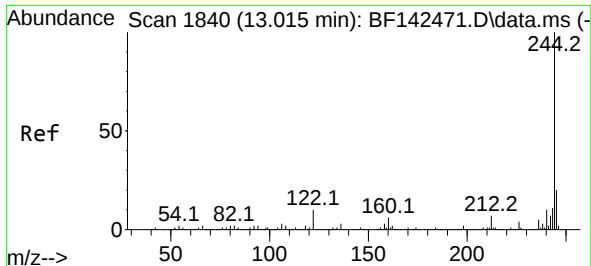
Tgt Ion:188 Resp: 319500
Ion Ratio Lower Upper
188 100
94 8.9 6.6 10.0
80 9.6 7.4 11.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.063 min Scan# 2018
Delta R.T. -0.012 min
Lab File: BF142607.D
Acq: 04 Jun 2025 15:17

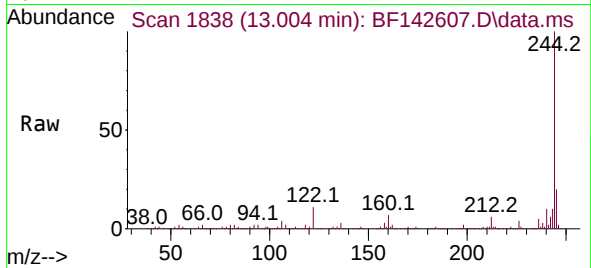
Tgt Ion:240 Resp: 207901
Ion Ratio Lower Upper
240 100
120 11.4 7.5 11.3#
236 25.4 19.6 29.4



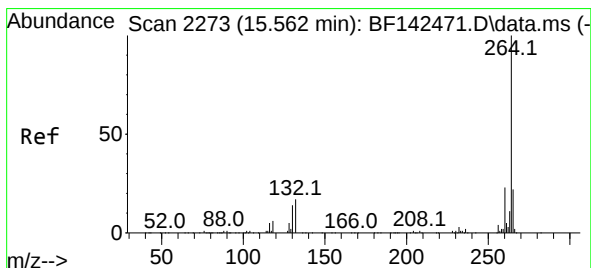
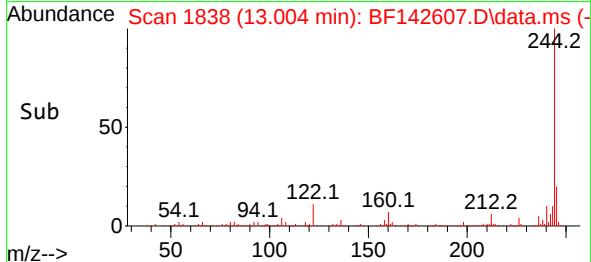
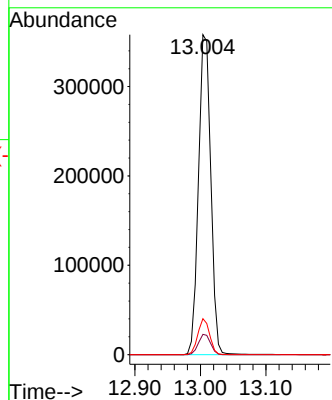


#79
 Terphenyl-d14
 Concen: 30.520 ng
 RT: 13.004 min Scan# 1838
 Delta R.T. -0.012 min
 Lab File: BF142607.D
 Acq: 04 Jun 2025 15:17

Instrument :
 BNA_F
 ClientSampleId :
 TP05-MHH-WC



Tgt Ion:244 Resp: 464321
 Ion Ratio Lower Upper
 244 100
 212 6.3 5.3 7.9
 122 11.2 8.2 12.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.557 min Scan# 2272
 Delta R.T. -0.012 min
 Lab File: BF142607.D
 Acq: 04 Jun 2025 15:17

Tgt Ion:264 Resp: 272389
 Ion Ratio Lower Upper
 264 100
 260 23.3 18.6 28.0
 265 21.6 17.7 26.5

