

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102125\
 Data File : BF144019.D
 Acq On : 21 Oct 2025 18:30
 Operator : RC/JU
 Sample : Q3375-05
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PR132-DP02-074099-20251016

Quant Time: Oct 21 18:59:13 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 06 15:29:47 2025
 Response via : Initial Calibration

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

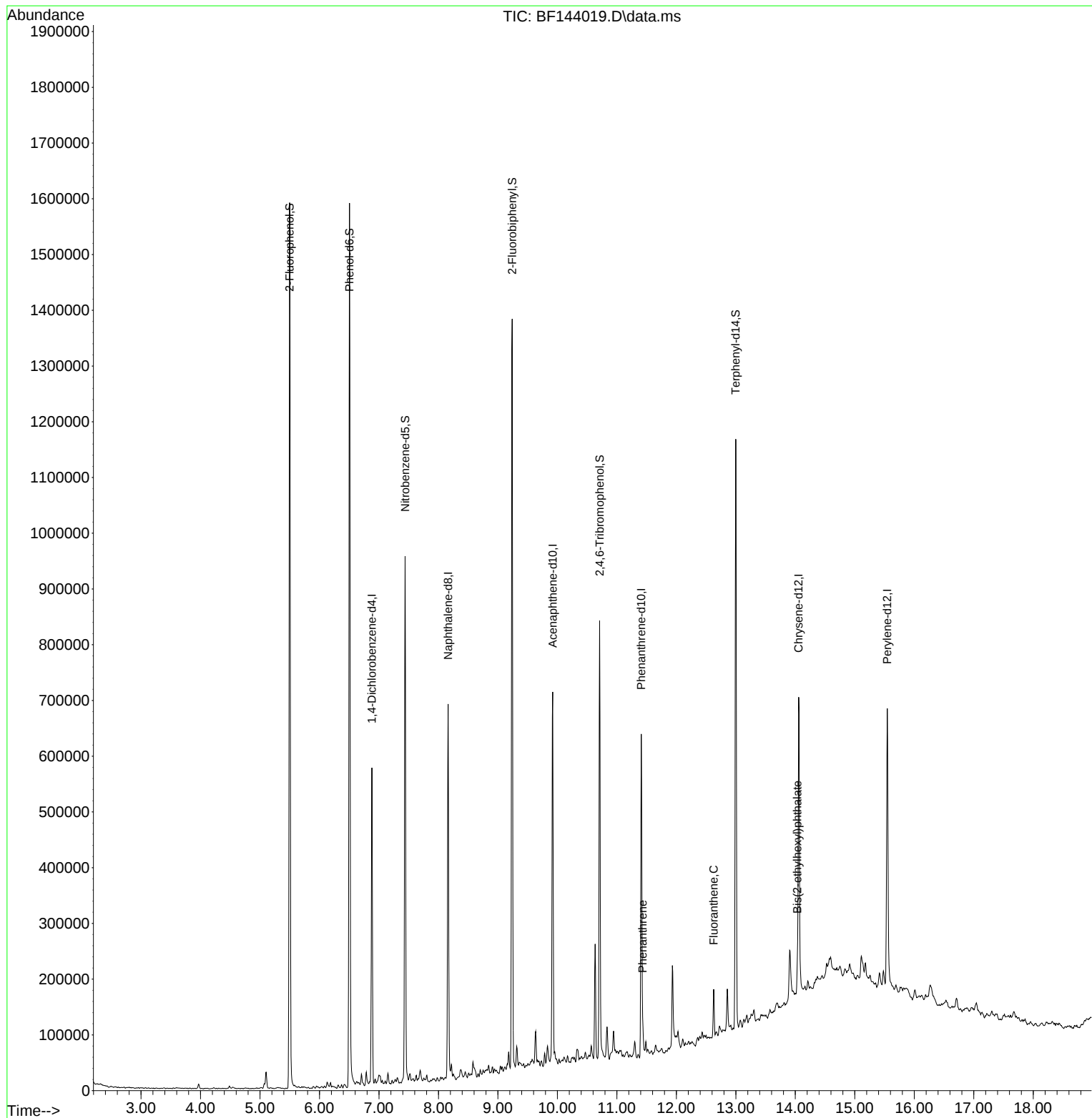
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	116635	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	418260	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	205210	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	299829	20.000	ng	0.00
76) Chrysene-d12	14.057	240	262654	20.000	ng	-0.01
86) Perylene-d12	15.545	264	320945	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.499	112	608900	82.902	ng	0.00
7) Phenol-d6	6.504	99	688308	78.621	ng	-0.01
23) Nitrobenzene-d5	7.440	82	395841	57.498	ng	-0.02
42) 2,4,6-Tribromophenol	10.710	330	144750	70.819	ng	-0.01
45) 2-Fluorobiphenyl	9.239	172	649886	50.251	ng	-0.01
79) Terphenyl-d14	12.998	244	537489	34.974	ng	-0.01
Target Compounds						
						Qvalue
71) Phenanthrene	11.433	178	29105	2.002	ng	99
75) Fluoranthene	12.627	202	48071	3.202	ng	97
84) Bis(2-ethylhexyl)phtha...	14.033	149	22323	2.604	ng	97

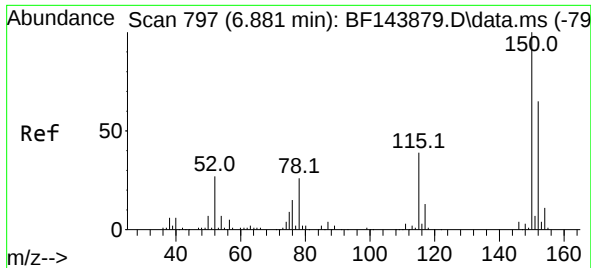
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102125\
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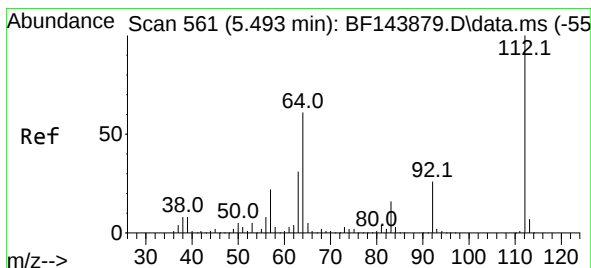
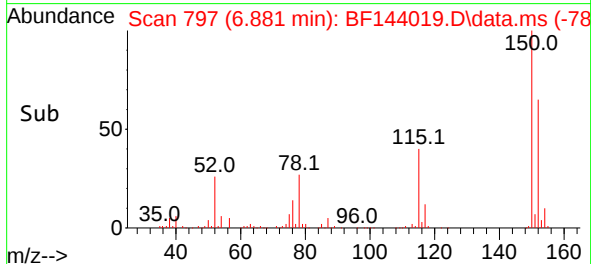
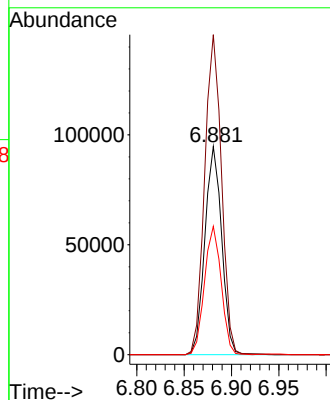
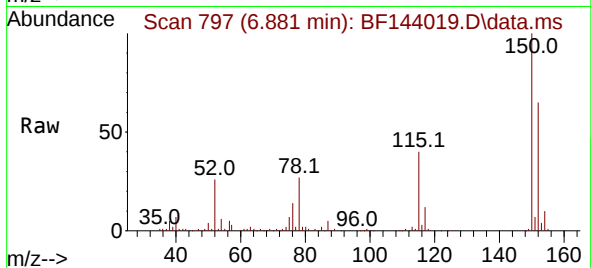




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.881 min Scan# 79
 Delta R.T. -0.005 min
 Lab File: BF144019.D
 Acq: 21 Oct 2025 18:30

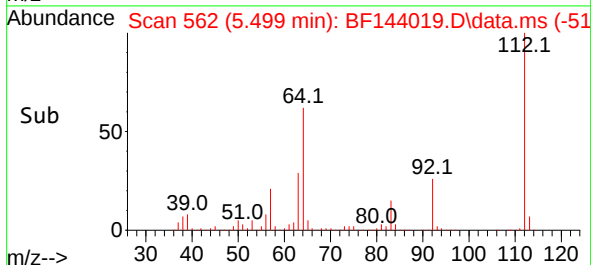
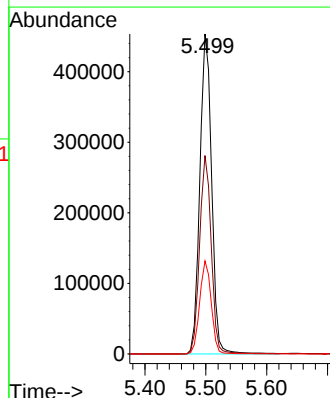
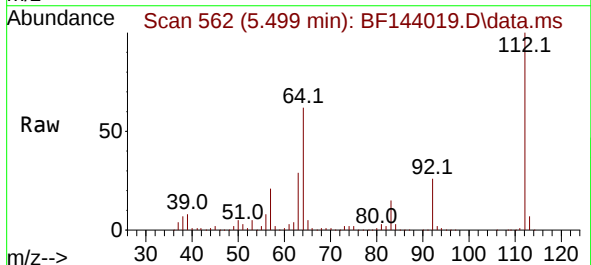
Instrument :
 BNA_F
 ClientSampleId :
 PR132-DP02-074099-20251016

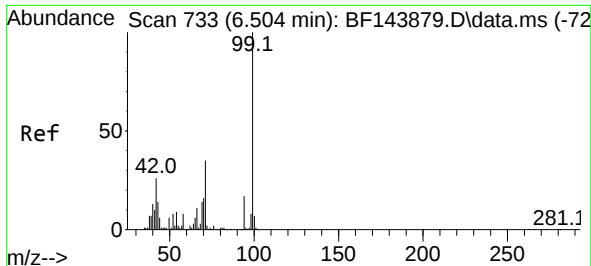
Tgt Ion:152 Resp: 116635
 Ion Ratio Lower Upper
 152 100
 150 153.8 124.4 186.6
 115 61.6 48.1 72.1



#5
 2-Fluorophenol
 Concen: 82.902 ng
 RT: 5.499 min Scan# 562
 Delta R.T. 0.000 min
 Lab File: BF144019.D
 Acq: 21 Oct 2025 18:30

Tgt Ion:112 Resp: 608900
 Ion Ratio Lower Upper
 112 100
 64 62.0 49.1 73.7
 63 29.1 24.5 36.7

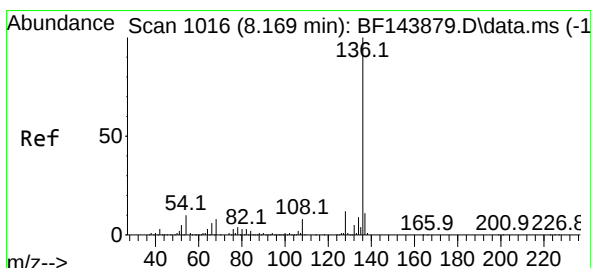
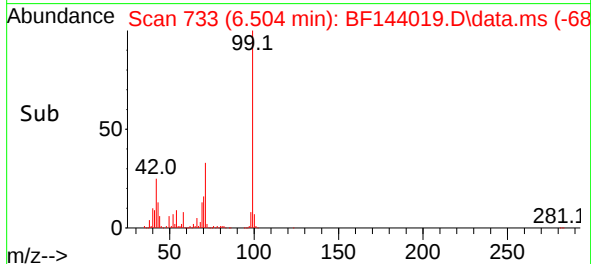
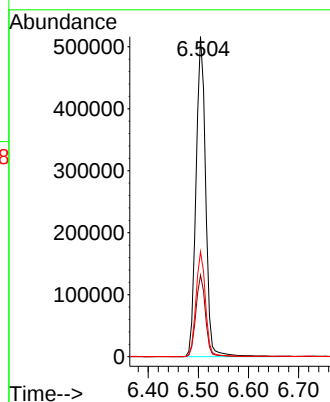
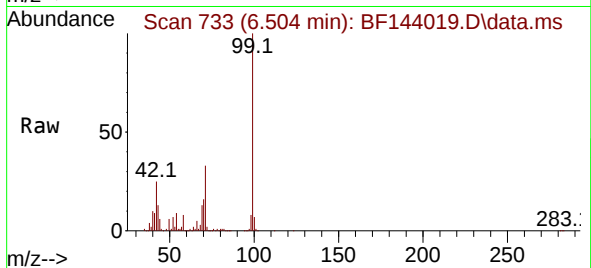




#7
Phenol-d6
Concen: 78.621 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF144019.D
Acq: 21 Oct 2025 18:30

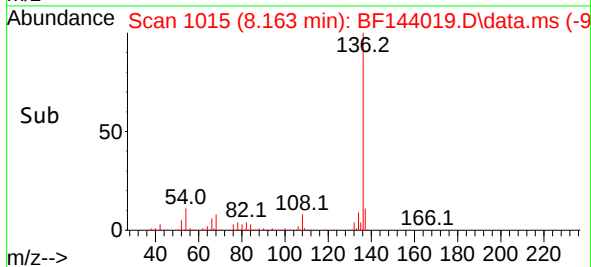
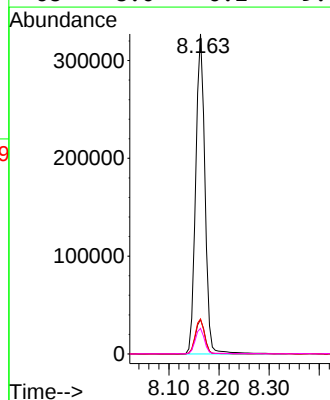
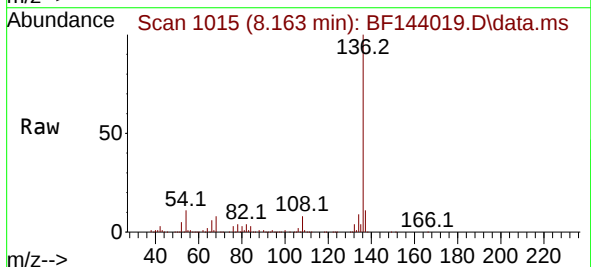
Instrument :
BNA_F
ClientSampleId :
PR132-DP02-074099-20251016

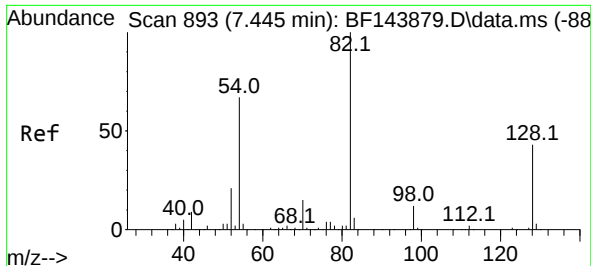
Tgt Ion: 99 Resp: 688308
Ion Ratio Lower Upper
99 100
42 25.4 21.0 31.4
71 32.8 27.8 41.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1015
Delta R.T. -0.006 min
Lab File: BF144019.D
Acq: 21 Oct 2025 18:30

Tgt Ion: 136 Resp: 418260
Ion Ratio Lower Upper
136 100
137 10.8 8.5 12.7
54 11.0 8.2 12.4
68 8.0 6.2 9.4





#23

Nitrobenzene-d5

Concen: 57.498 ng

RT: 7.440 min Scan# 893

Delta R.T. -0.017 min

Lab File: BF144019.D

Acq: 21 Oct 2025 18:30

Instrument :

BNA_F

ClientSampleId :

PR132-DP02-074099-20251016

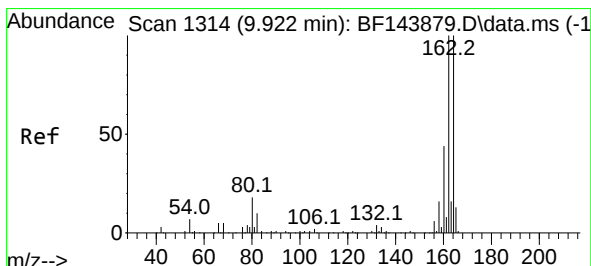
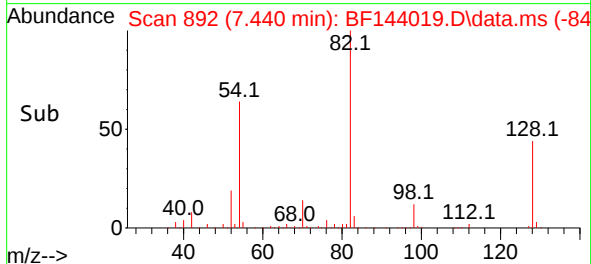
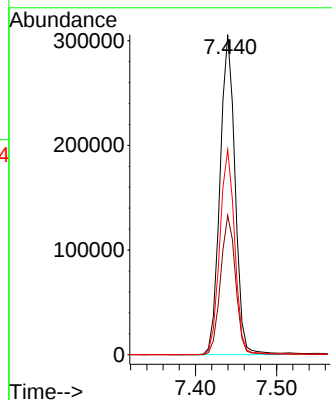
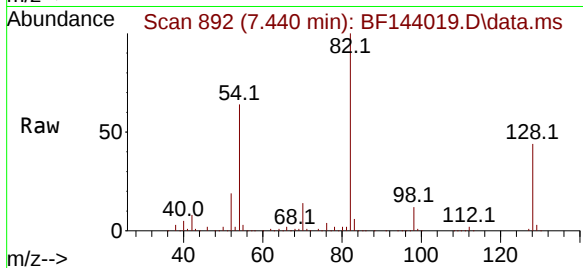
Tgt Ion: 82 Resp: 395841

Ion Ratio Lower Upper

82 100

128 43.5 34.0 51.0

54 64.1 53.2 79.8



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.922 min Scan# 1314

Delta R.T. -0.005 min

Lab File: BF144019.D

Acq: 21 Oct 2025 18:30

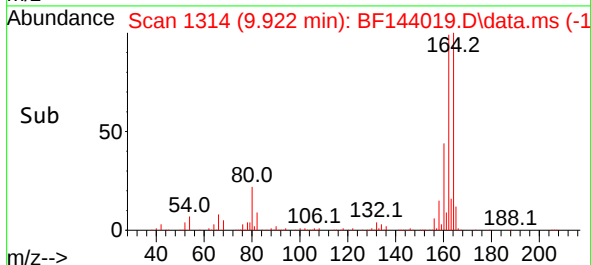
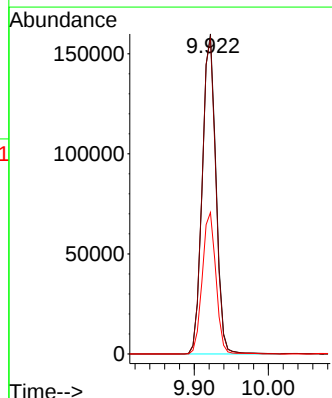
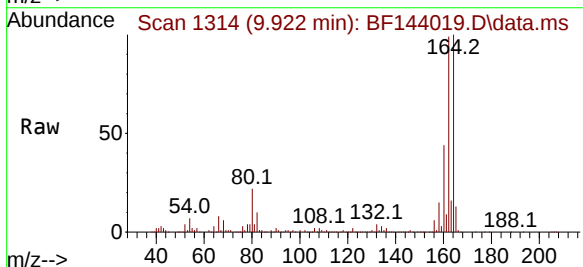
Tgt Ion:164 Resp: 205210

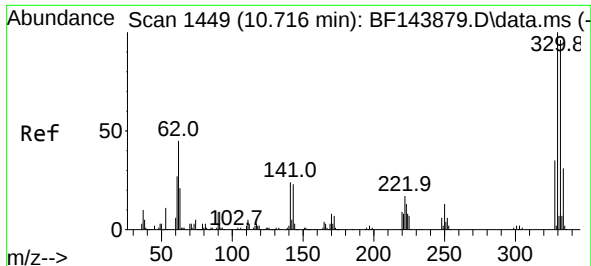
Ion Ratio Lower Upper

164 100

162 98.7 80.2 120.2

160 44.2 35.4 53.0

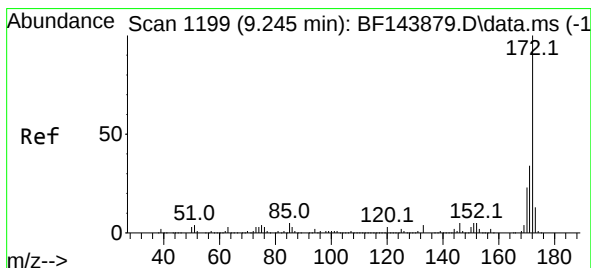
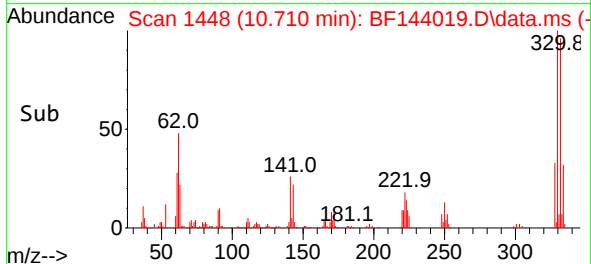
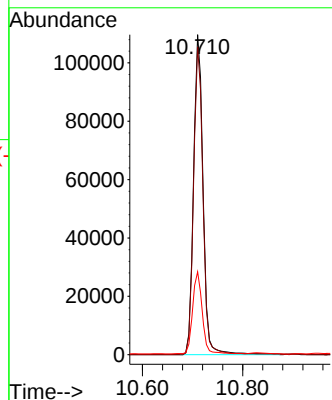
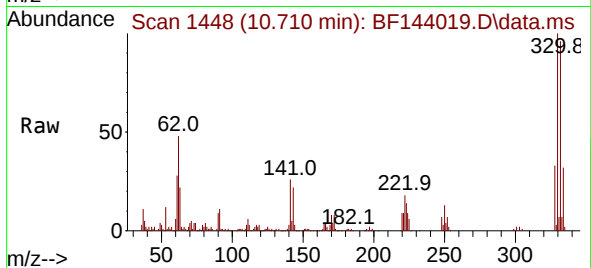




#42
2,4,6-Tribromophenol
Concen: 70.819 ng
RT: 10.710 min Scan# 1448
Delta R.T. -0.012 min
Lab File: BF144019.D
Acq: 21 Oct 2025 18:30

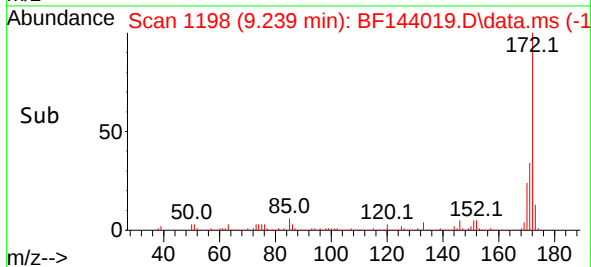
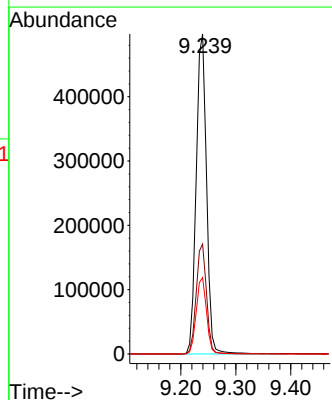
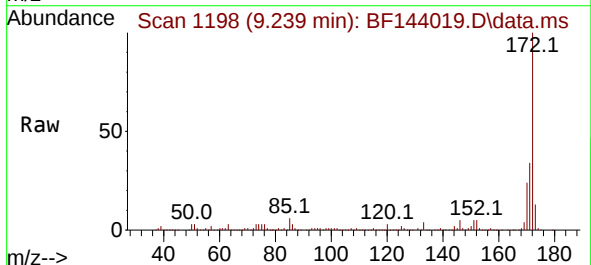
Instrument : BNA_F
ClientSampleId : PR132-DP02-074099-20251016

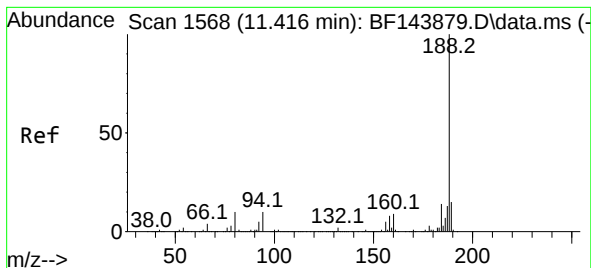
Tgt Ion: 330 Resp: 144750
Ion Ratio Lower Upper
330 100
332 94.7 76.9 115.3
141 26.0 20.2 30.4



#45
2-Fluorobiphenyl
Concen: 50.251 ng
RT: 9.239 min Scan# 1198
Delta R.T. -0.012 min
Lab File: BF144019.D
Acq: 21 Oct 2025 18:30

Tgt Ion: 172 Resp: 649886
Ion Ratio Lower Upper
172 100
171 34.3 27.4 41.0
170 23.9 18.6 28.0





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.410 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF144019.D

Acq: 21 Oct 2025 18:30

Instrument :

BNA_F

ClientSampleId :

PR132-DP02-074099-20251016

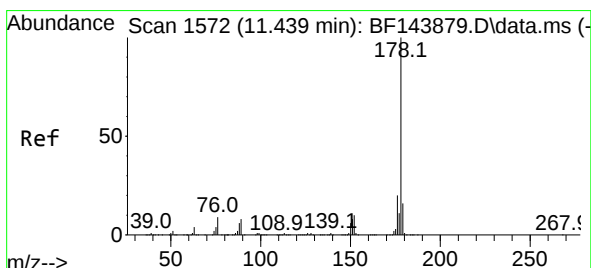
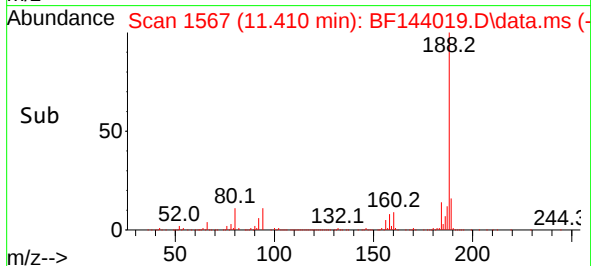
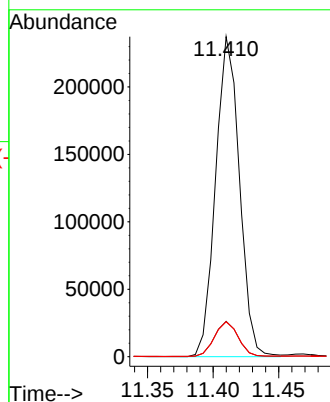
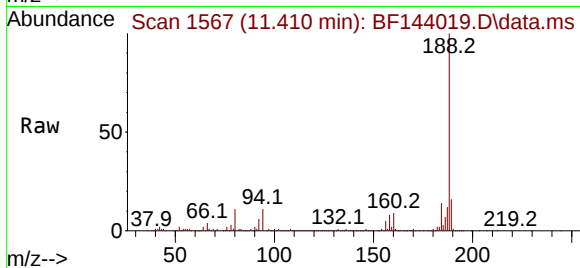
Tgt Ion:188 Resp: 299829

Ion Ratio Lower Upper

188 100

94 11.0 7.8 11.6

80 10.9 7.9 11.9



#71

Phenanthrene

Concen: 2.002 ng

RT: 11.433 min Scan# 1571

Delta R.T. -0.012 min

Lab File: BF144019.D

Acq: 21 Oct 2025 18:30

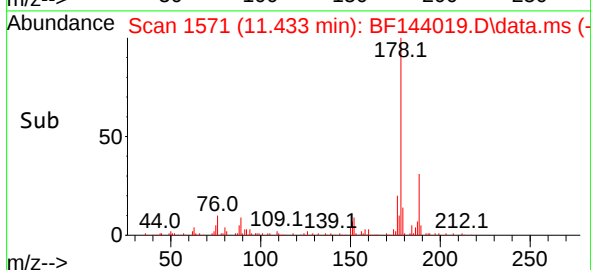
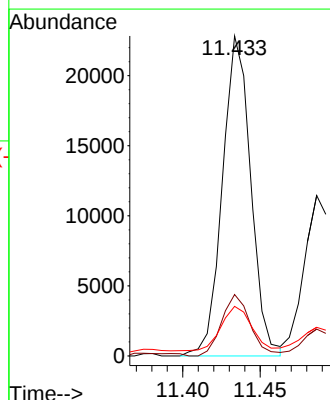
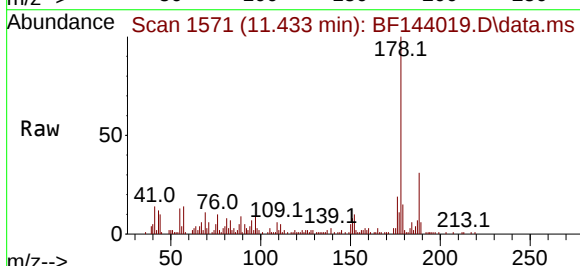
Tgt Ion:178 Resp: 29105

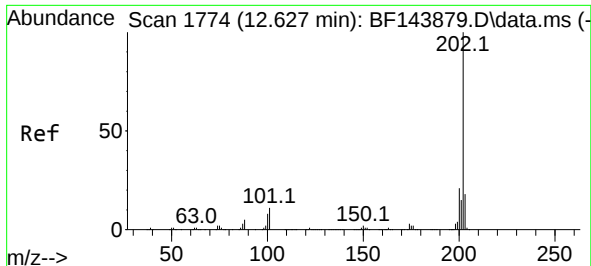
Ion Ratio Lower Upper

178 100

176 19.2 15.9 23.9

179 15.5 12.4 18.6

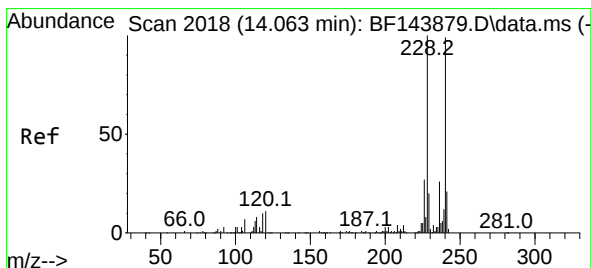
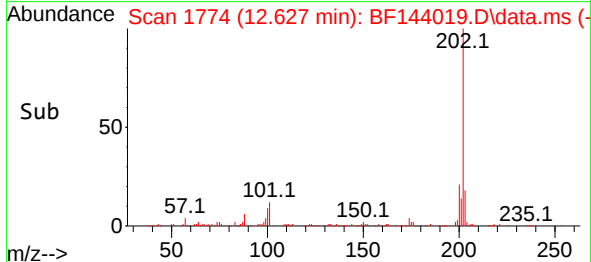
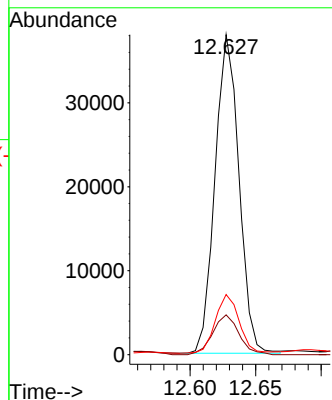
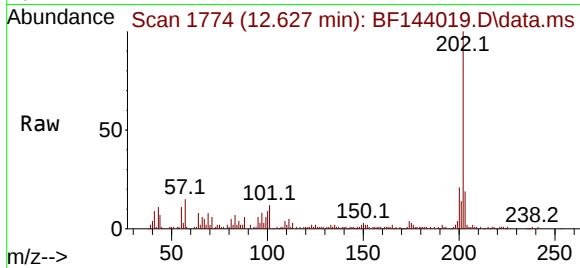




#75
Fluoranthene
Concen: 3.202 ng
RT: 12.627 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF144019.D
Acq: 21 Oct 2025 18:30

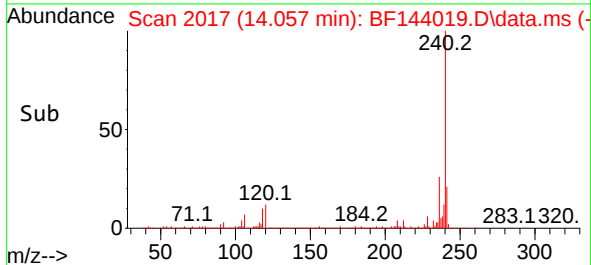
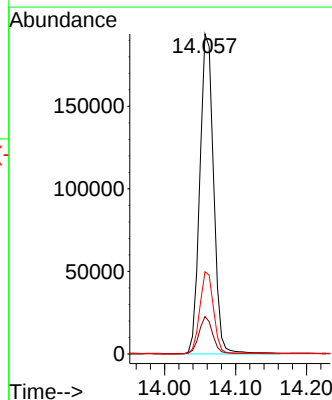
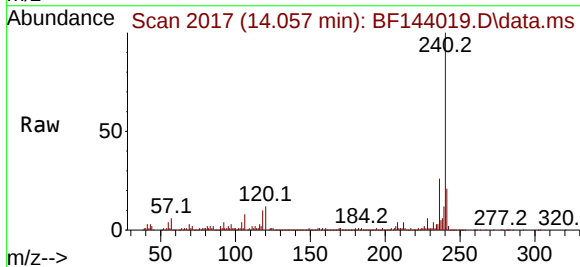
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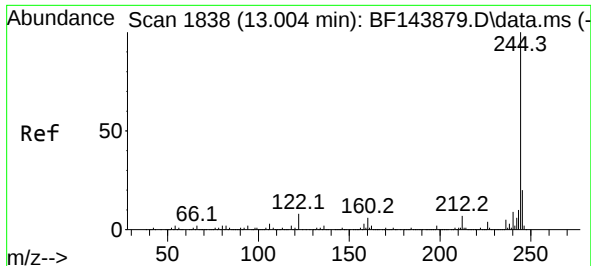
Tgt Ion:	202	Resp:	48071
Ion Ratio	Lower	Upper	
202	100		
101	12.5	0.0	30.7
203	18.8	0.0	37.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2017
Delta R.T. -0.011 min
Lab File: BF144019.D
Acq: 21 Oct 2025 18:30

Tgt Ion:	240	Resp:	262654
Ion Ratio	Lower	Upper	
240	100		
120	11.7	8.6	13.0
236	25.7	21.1	31.7

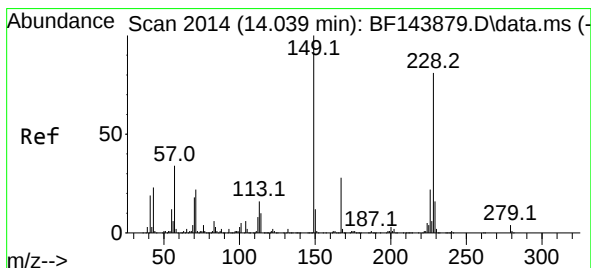
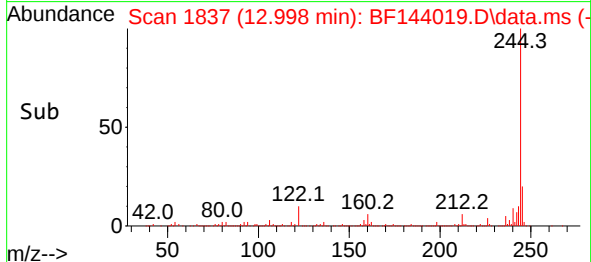
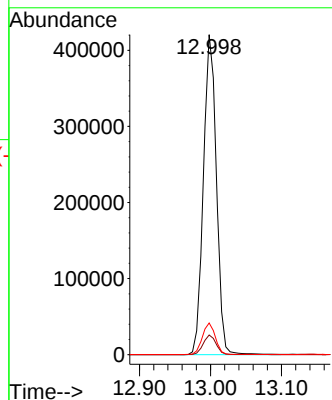
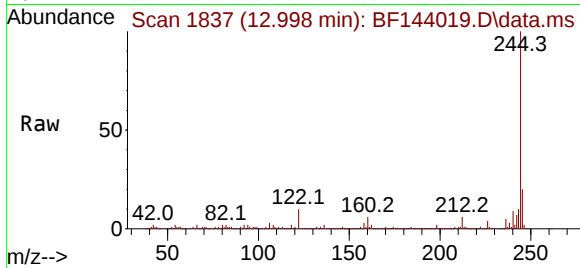




#79
 Terphenyl-d14
 Concen: 34.974 ng
 RT: 12.998 min Scan# 11
 Delta R.T. -0.012 min
 Lab File: BF144019.D
 Acq: 21 Oct 2025 18:30

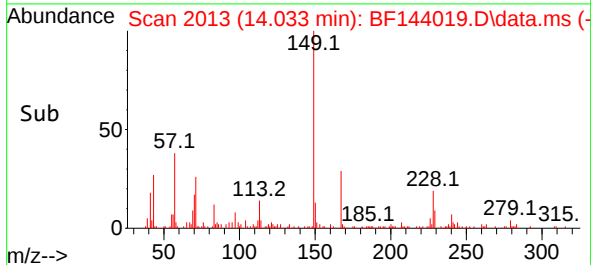
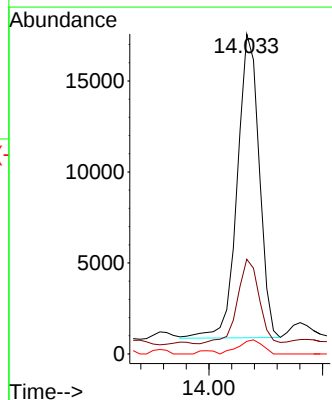
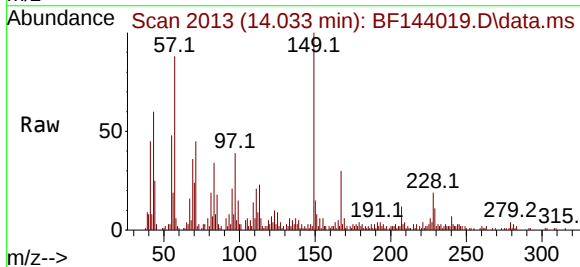
Instrument :
 BNA_F
 ClientSampleId :
 PR132-DP02-074099-20251016

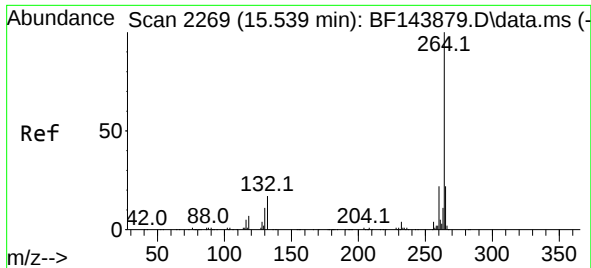
Tgt Ion:244 Resp: 537489
 Ion Ratio Lower Upper
 244 100
 212 6.1 5.4 8.0
 122 9.9 6.4 9.6#



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 2.604 ng
 RT: 14.033 min Scan# 2013
 Delta R.T. -0.006 min
 Lab File: BF144019.D
 Acq: 21 Oct 2025 18:30

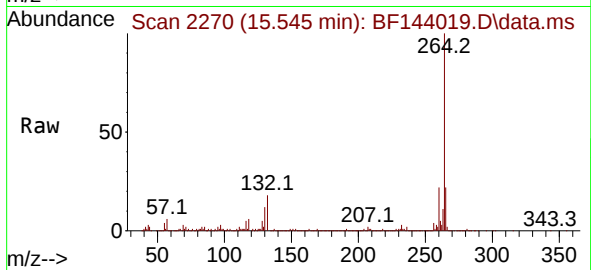
Tgt Ion:149 Resp: 22323
 Ion Ratio Lower Upper
 149 100
 167 29.6 22.2 33.4
 279 3.9 3.1 4.7





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.545 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF144019.D
Acq: 21 Oct 2025 18:30

Instrument :
BNA_F
ClientSampleId :
PR132-DP02-074099-20251016



Tgt Ion:264 Resp: 320945
Ion Ratio Lower Upper
264 100
260 22.2 17.8 26.8
265 21.9 17.5 26.3

