

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102825\
 Data File : BF144102.D
 Acq On : 28 Oct 2025 15:45
 Operator : RC/JU
 Sample : Q3424-02
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PR132-S11-010080-20251021

Quant Time: Oct 28 16:05:45 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 24 17:30:25 2025
 Response via : Initial Calibration

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

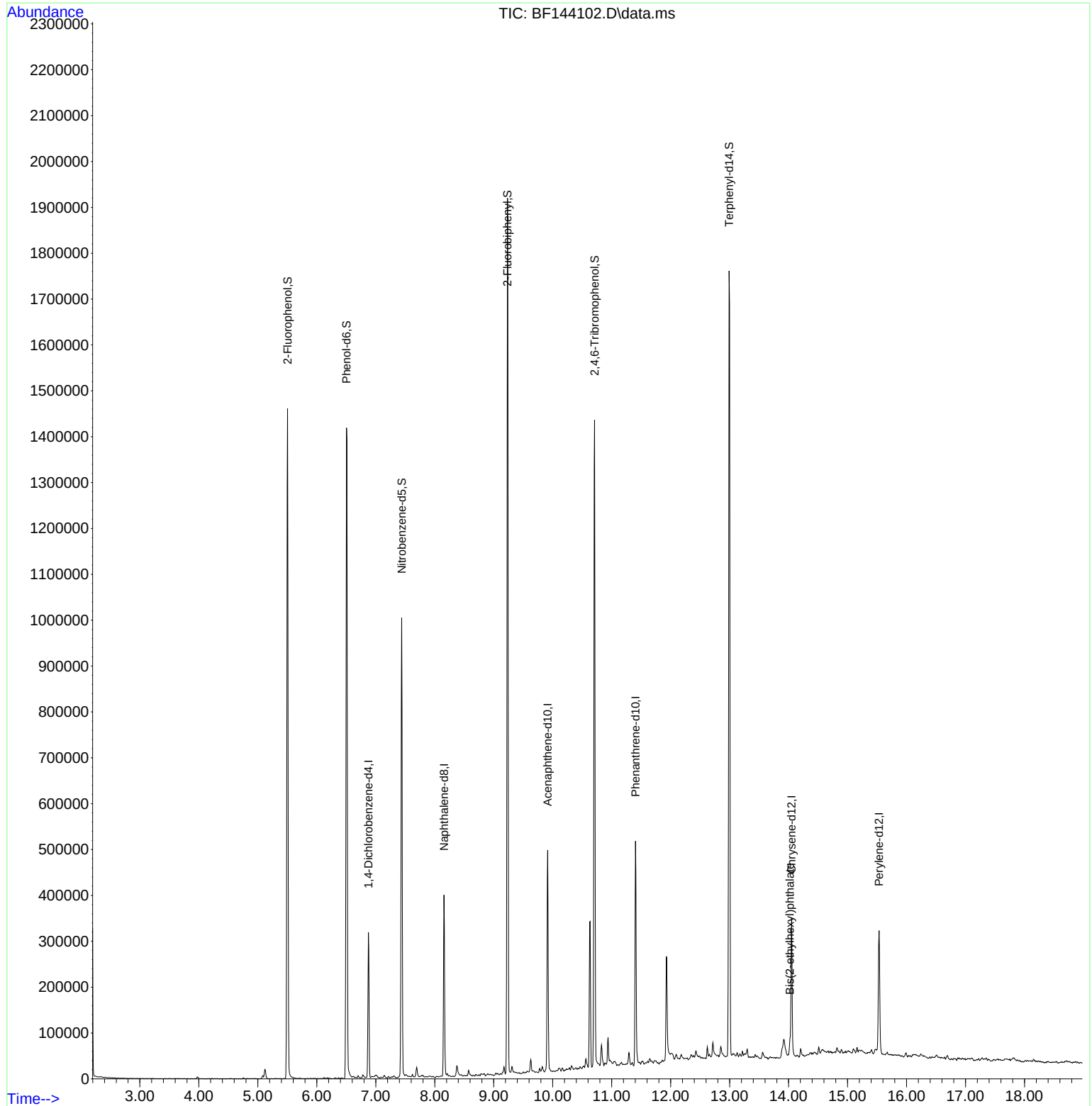
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	66639	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	255060	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	146440	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	261254	20.000	ng	0.00
76) Chrysene-d12	14.051	240	152953	20.000	ng	0.00
86) Perylene-d12	15.533	264	170251	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	540945	128.428	ng	0.01
7) Phenol-d6	6.504	99	625864	134.544	ng	0.00
23) Nitrobenzene-d5	7.439	82	427572	91.843	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	297374	159.419	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	888899	85.419	ng	0.00
79) Terphenyl-d14	12.992	244	932428	106.574	ng	0.00
Target Compounds						
84) Bis(2-ethylhexyl)phtha...	14.021	149	16568	2.917	ng	Qvalue 96

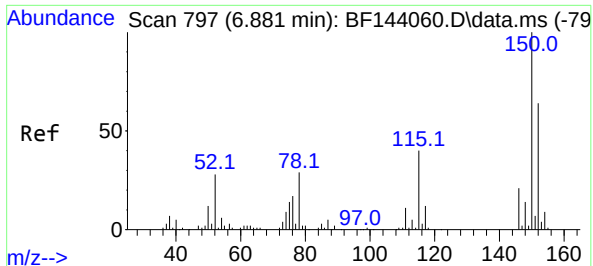
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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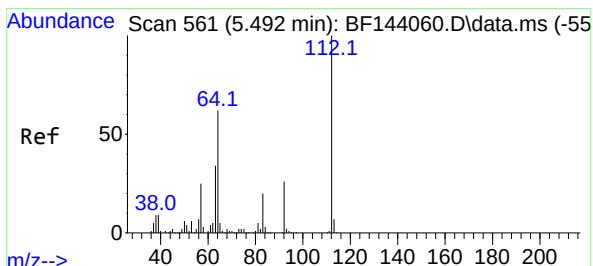
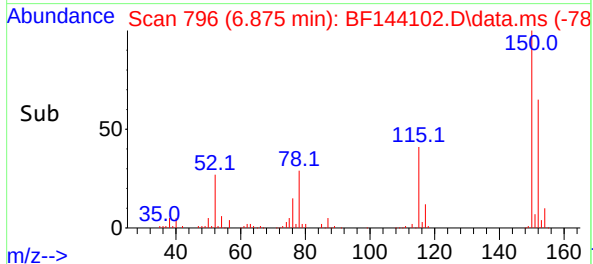
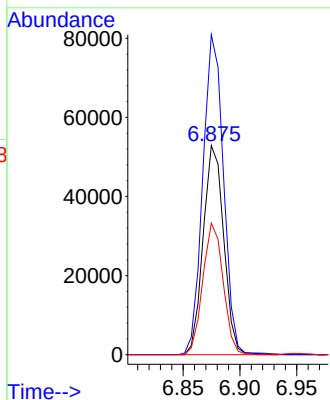
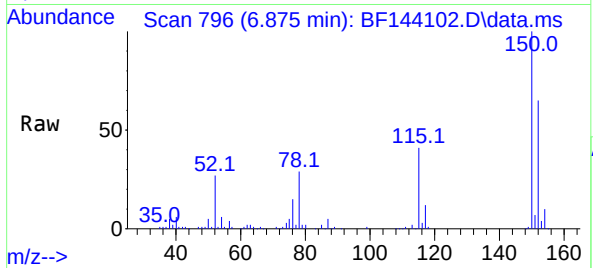




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 79
Delta R.T. -0.006 min
Lab File: BF144102.D
Acq: 28 Oct 2025 15:45

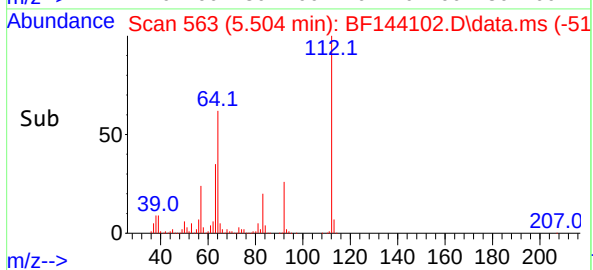
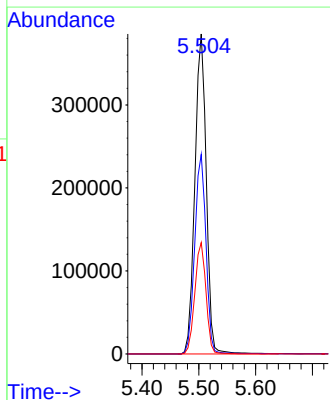
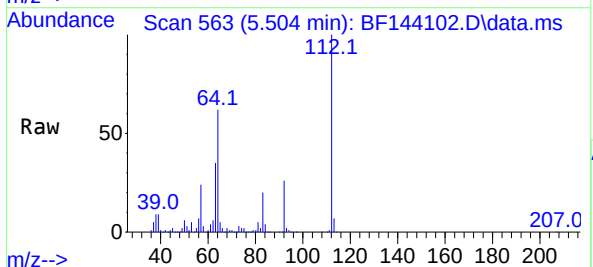
Instrument :
BNA_F
ClientSampleId :
PR132-S11-010080-20251021

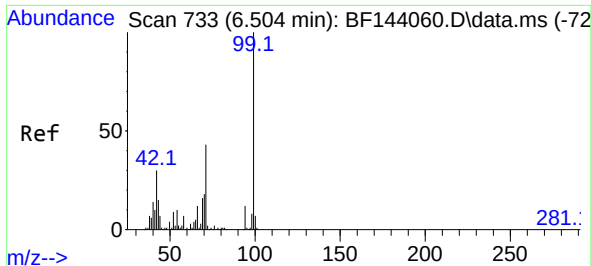
Tgt Ion:152 Resp: 66639
Ion Ratio Lower Upper
152 100
150 153.0 124.4 186.6
115 62.9 49.4 74.0



#5
2-Fluorophenol
Concen: 128.428 ng
RT: 5.504 min Scan# 563
Delta R.T. 0.012 min
Lab File: BF144102.D
Acq: 28 Oct 2025 15:45

Tgt Ion:112 Resp: 540945
Ion Ratio Lower Upper
112 100
64 62.4 49.8 74.8
63 34.8 27.4 41.2

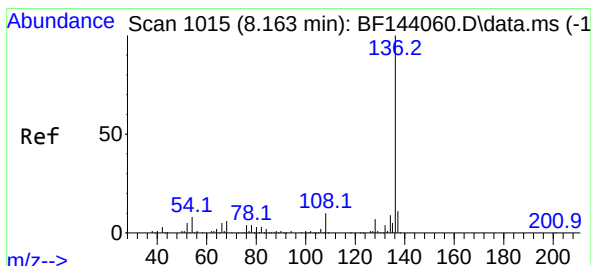
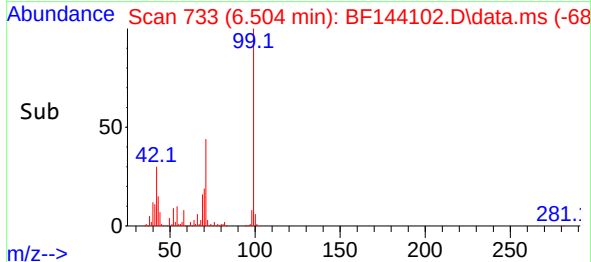
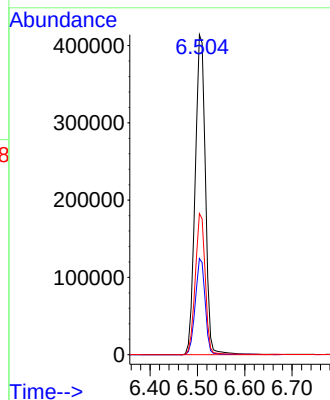
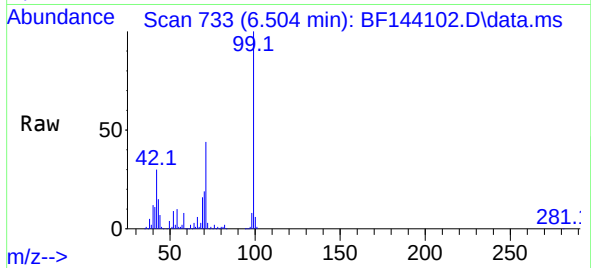




#7
Phenol-d6
Concen: 134.544 ng
RT: 6.504 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF144102.D
Acq: 28 Oct 2025 15:45

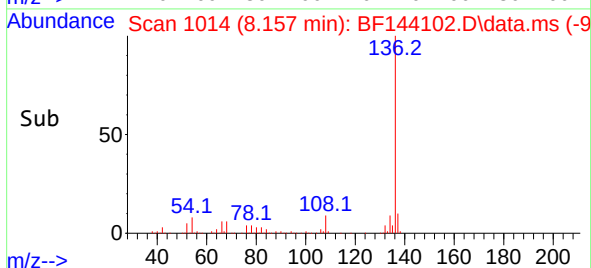
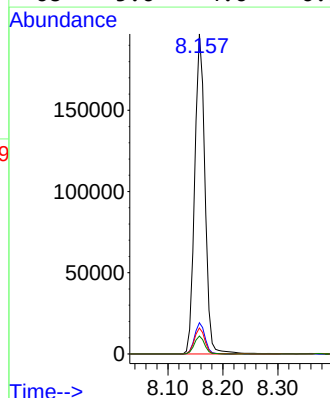
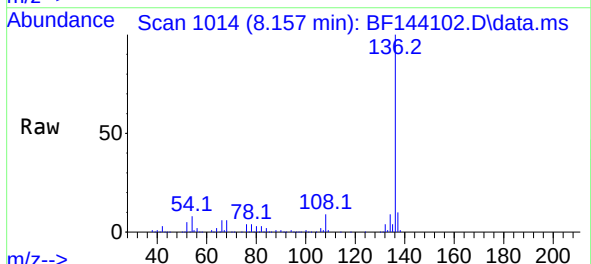
Instrument :
BNA_F
ClientSampleId :
PR132-S11-010080-20251021

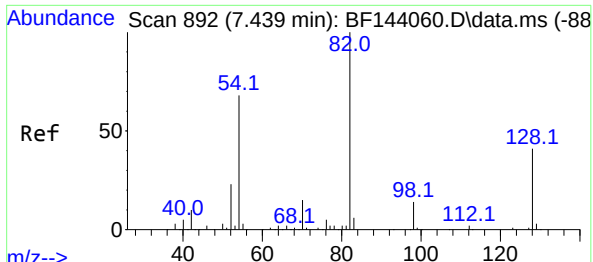
Tgt Ion:	99	Resp:	625864
Ion	Ratio	Lower	Upper
99	100		
42	30.0	23.9	35.9
71	44.1	34.4	51.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1014
Delta R.T. -0.006 min
Lab File: BF144102.D
Acq: 28 Oct 2025 15:45

Tgt Ion:	136	Resp:	255060
Ion	Ratio	Lower	Upper
136	100		
137	9.8	8.6	13.0
54	8.1	6.6	9.8
68	5.6	4.6	6.8



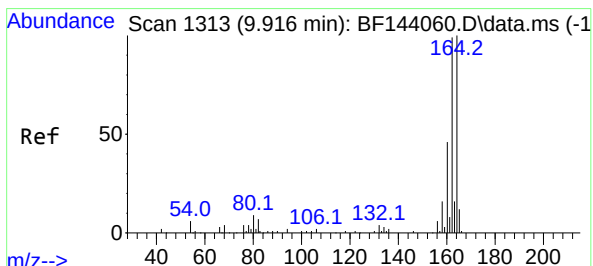
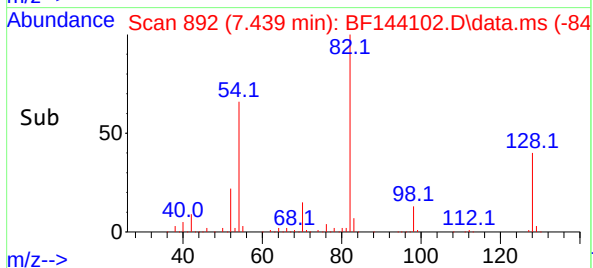
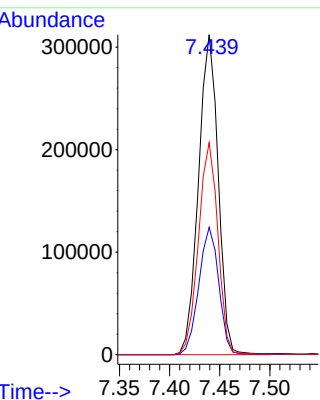
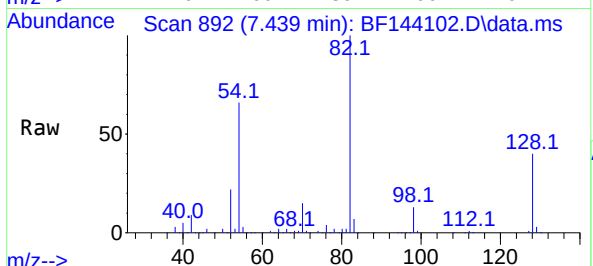


#23
Nitrobenzene-d5
Concen: 91.843 ng
RT: 7.439 min Scan# 892
Delta R.T. 0.000 min
Lab File: BF144102.D
Acq: 28 Oct 2025 15:45

Instrument :
BNA_F
ClientSampleId :
PR132-S11-010080-20251021

Tgt Ion: 82 Resp: 427572

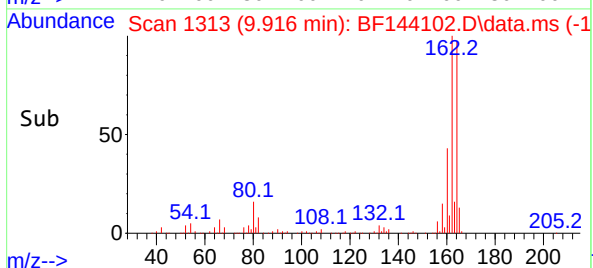
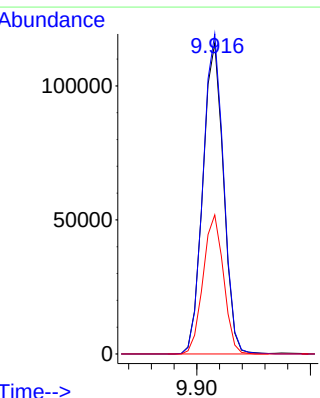
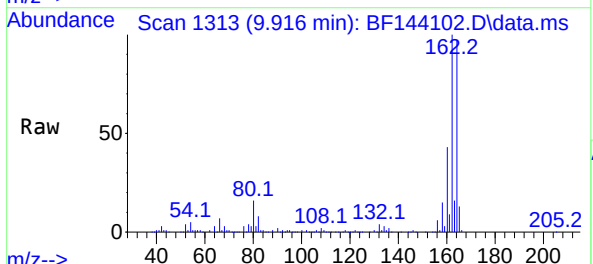
Ion	Ratio	Lower	Upper
82	100		
128	39.8	32.4	48.6
54	66.3	54.0	81.0

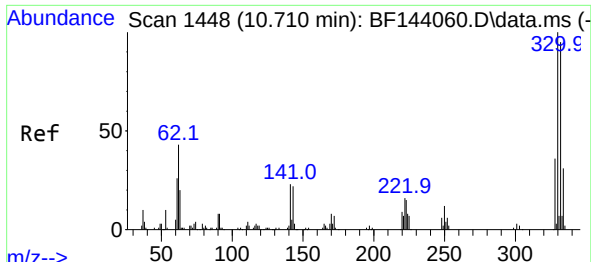


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.916 min Scan# 1313
Delta R.T. 0.000 min
Lab File: BF144102.D
Acq: 28 Oct 2025 15:45

Tgt Ion: 164 Resp: 146440

Ion	Ratio	Lower	Upper
164	100		
162	102.9	79.4	119.2
160	44.7	36.7	55.1





#42

2,4,6-Tribromophenol

Concen: 159.419 ng

RT: 10.710 min Scan# 1448

Delta R.T. 0.000 min

Lab File: BF144102.D

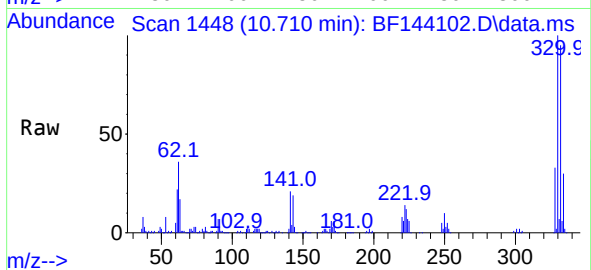
Acq: 28 Oct 2025 15:45

Instrument :

BNA_F

ClientSampleId :

PR132-S11-010080-20251021



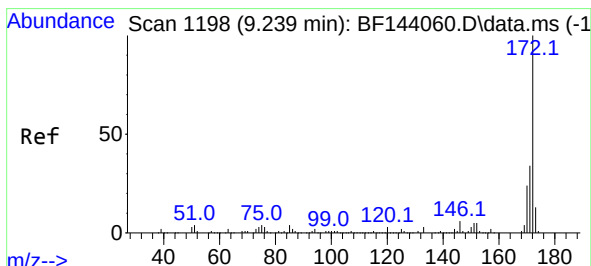
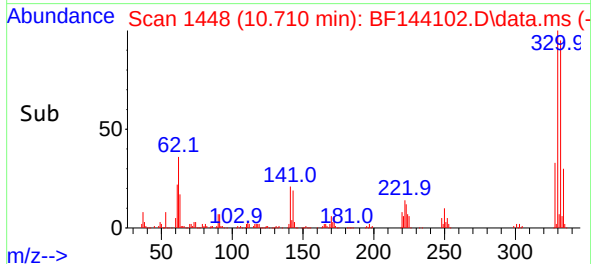
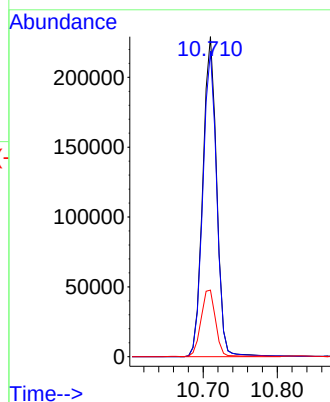
Tgt Ion:330 Resp: 297374

Ion Ratio Lower Upper

330 100

332 96.0 77.0 115.6

141 22.0 19.4 29.0



#45

2-Fluorobiphenyl

Concen: 85.419 ng

RT: 9.233 min Scan# 1197

Delta R.T. -0.006 min

Lab File: BF144102.D

Acq: 28 Oct 2025 15:45

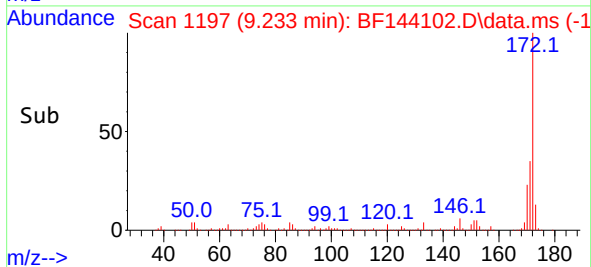
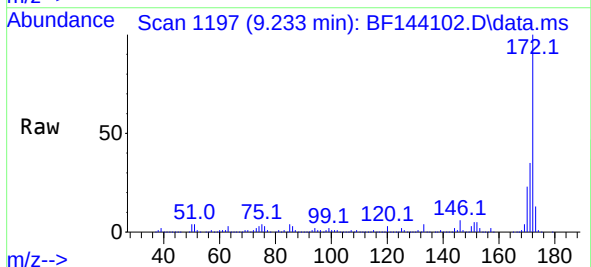
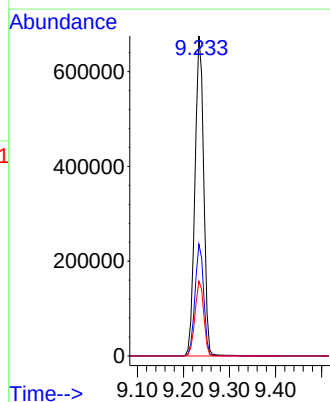
Tgt Ion:172 Resp: 888899

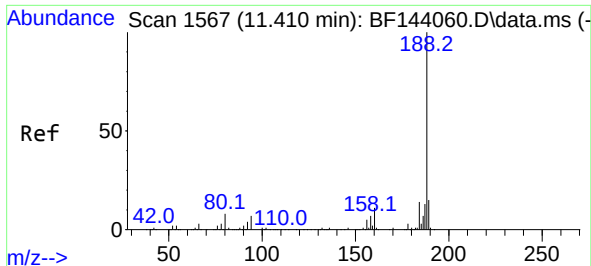
Ion Ratio Lower Upper

172 100

171 34.9 27.5 41.3

170 23.4 19.0 28.6

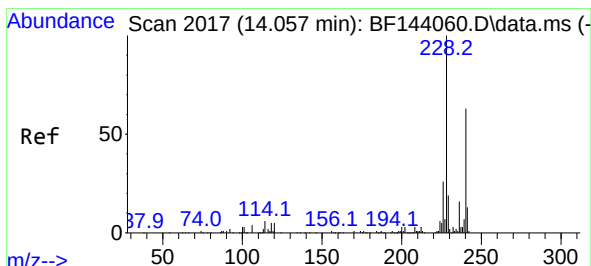
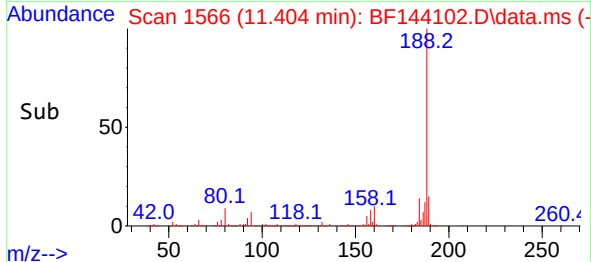
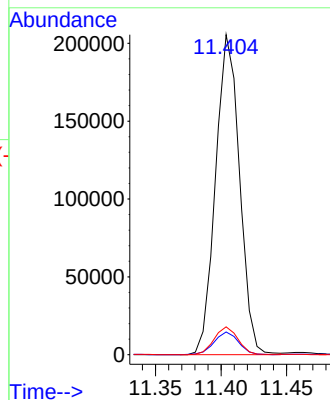
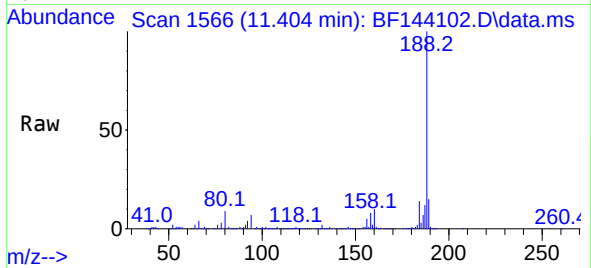




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF144102.D
Acq: 28 Oct 2025 15:45

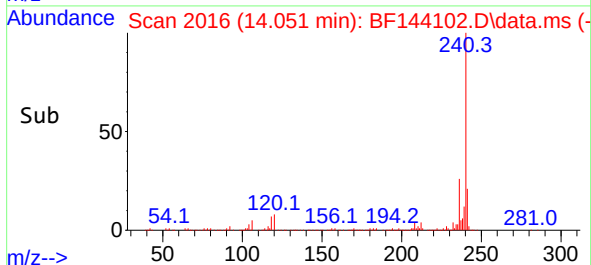
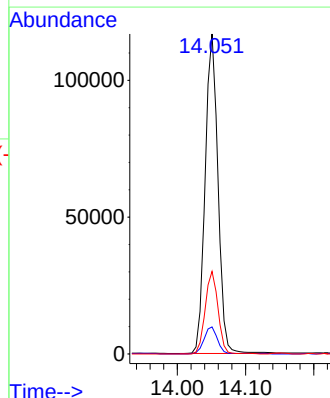
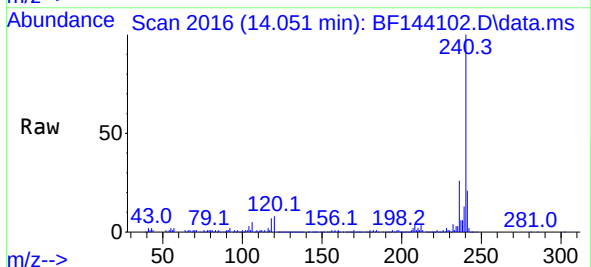
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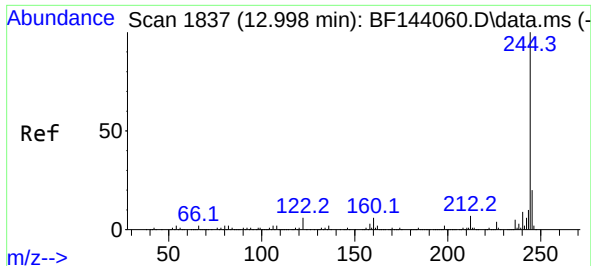
Tgt Ion:188 Resp: 261254
Ion Ratio Lower Upper
188 100
94 7.1 5.4 8.0
80 8.7 6.0 9.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2016
Delta R.T. -0.006 min
Lab File: BF144102.D
Acq: 28 Oct 2025 15:45

Tgt Ion:240 Resp: 152953
Ion Ratio Lower Upper
240 100
120 8.4 6.5 9.7
236 25.8 20.1 30.1

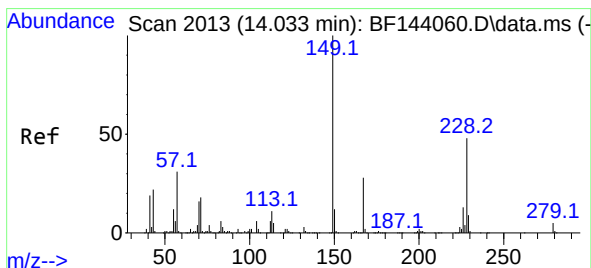
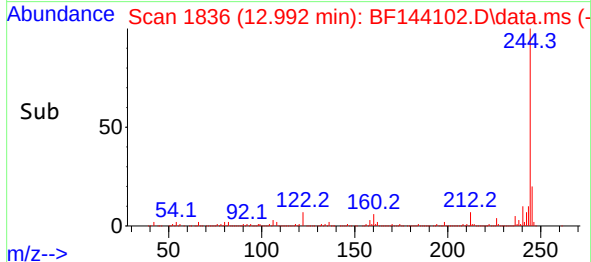
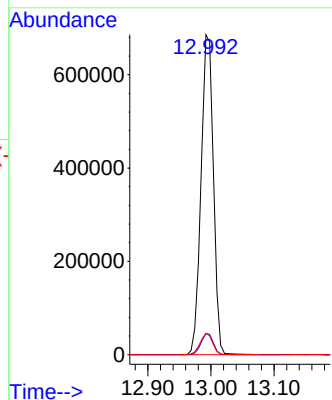
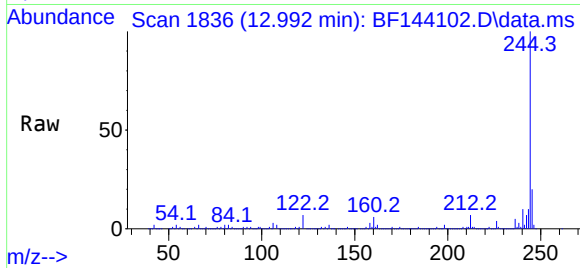




#79
 Terphenyl-d14
 Concen: 106.574 ng
 RT: 12.992 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF144102.D
 Acq: 28 Oct 2025 15:45

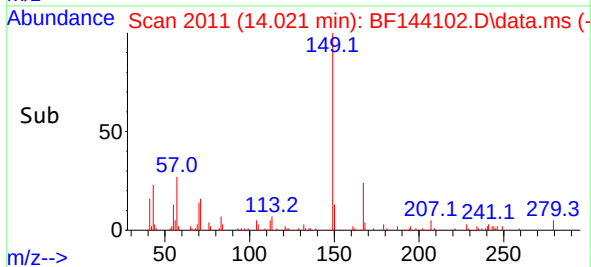
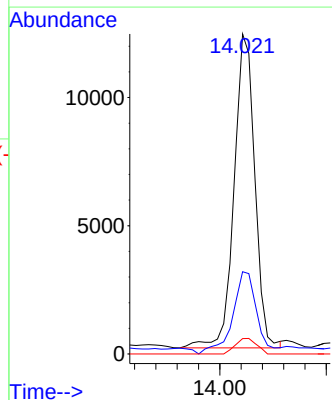
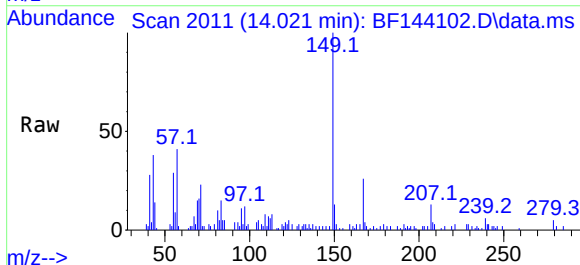
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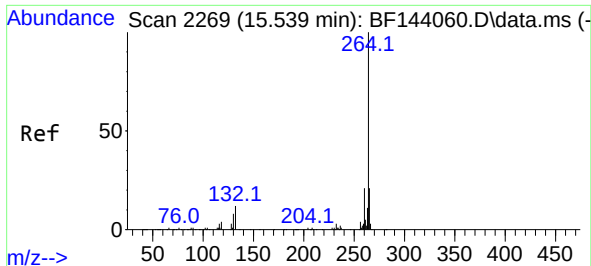
Tgt Ion:244 Resp: 932428
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.8 8.6
 122 6.6 4.9 7.3



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 2.917 ng
 RT: 14.021 min Scan# 2011
 Delta R.T. -0.012 min
 Lab File: BF144102.D
 Acq: 28 Oct 2025 15:45

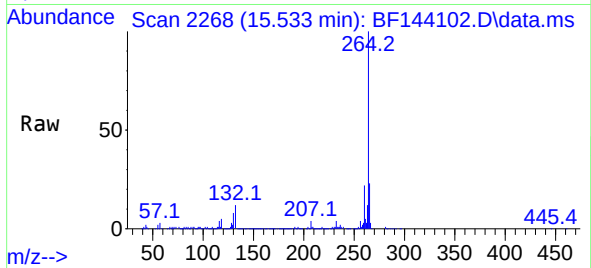
Tgt Ion:149 Resp: 16568
 Ion Ratio Lower Upper
 149 100
 167 25.7 22.5 33.7
 279 4.8 3.6 5.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.533 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF144102.D
Acq: 28 Oct 2025 15:45

Instrument :
BNA_F
ClientSampleId :
PR132-S11-010080-20251021



Tgt Ion:264 Resp: 170251

Ion	Ratio	Lower	Upper
264	100		
260	21.7	17.0	25.4
265	22.6	16.6	24.8

