

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112425\
 Data File : BF144331.D
 Acq On : 24 Nov 2025 18:47
 Operator : RC/JU
 Sample : Q3710-02
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RBR200028-RT5376-COMP

Quant Time: Nov 25 00:28:03 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)

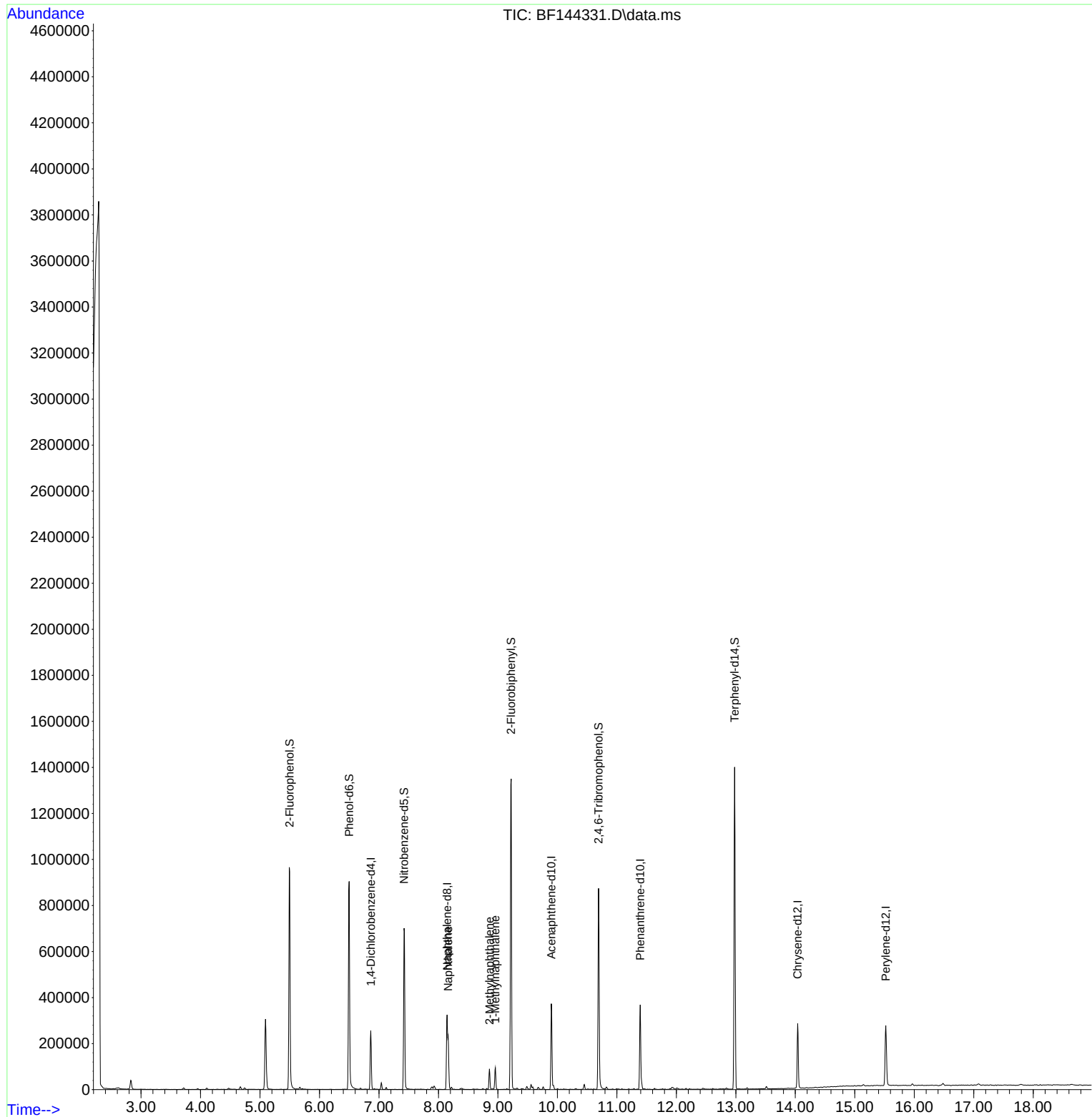
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	54246	20.000	ng	-0.01
21) Naphthalene-d8	8.145	136	206642	20.000	ng	-0.01
39) Acenaphthene-d10	9.898	164	116491	20.000	ng	-0.02
64) Phenanthrene-d10	11.392	188	201954	20.000	ng	-0.01
76) Chrysene-d12	14.039	240	146534	20.000	ng	#-0.01
86) Perylene-d12	15.521	264	173908	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	405299	116.920	ng	0.00
7) Phenol-d6	6.498	99	425271	108.272	ng	0.00
23) Nitrobenzene-d5	7.422	82	310351	86.741	ng	-0.01
42) 2,4,6-Tribromophenol	10.692	330	189219	129.440	ng	-0.01
45) 2-Fluorobiphenyl	9.222	172	670360	84.992	ng	0.00
79) Terphenyl-d14	12.980	244	754231	81.757	ng	-0.01
Target Compounds						
						Qvalue
31) Naphthalene	8.163	128	135133	13.747	ng	99
37) 2-Methylnaphthalene	8.857	142	33676	5.124	ng	97
38) 1-Methylnaphthalene	8.957	142	35984	5.674	ng	99

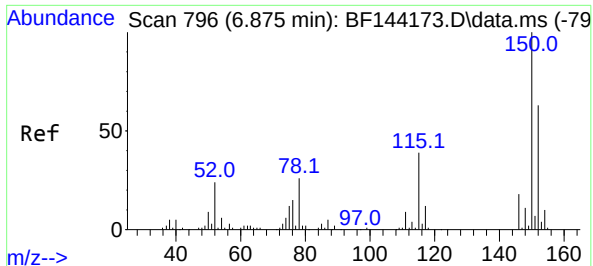
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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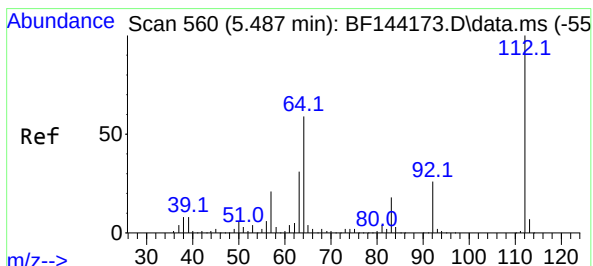
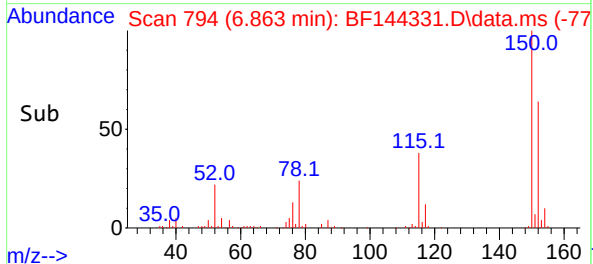
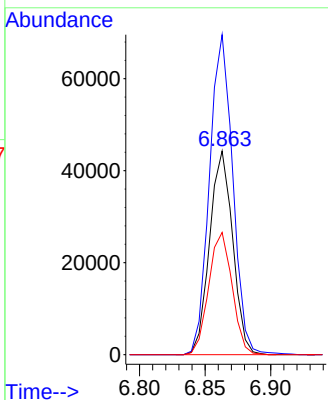
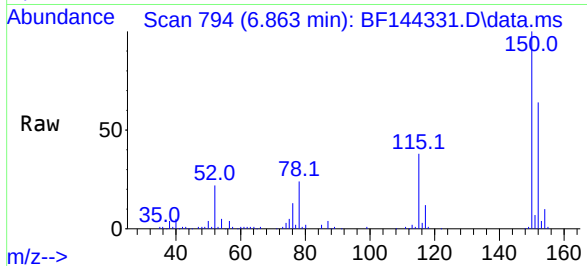




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 79
Delta R.T. -0.012 min
Lab File: BF144331.D
Acq: 24 Nov 2025 18:47

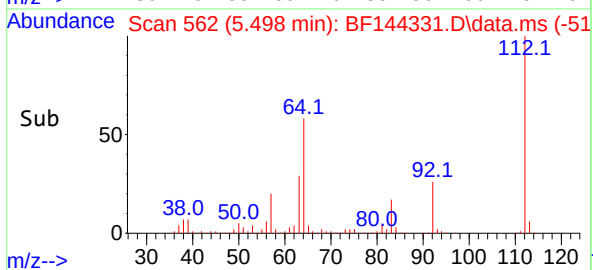
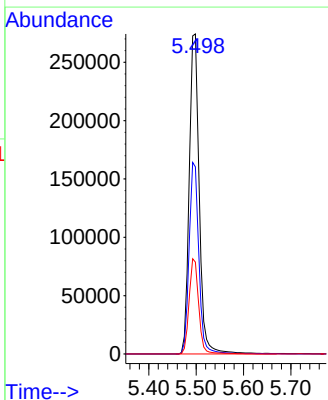
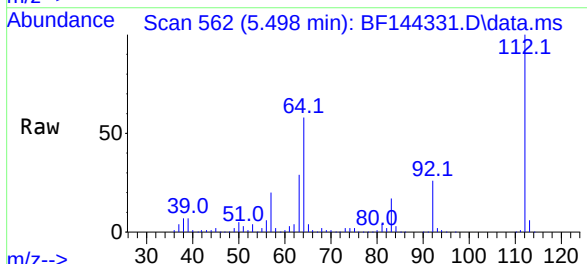
Instrument :
BNA_F
ClientSampleId :
RBR200028-RT5376-COMP

Tgt Ion:152 Resp: 54246
Ion Ratio Lower Upper
152 100
150 157.1 127.4 191.0
115 60.0 49.5 74.3

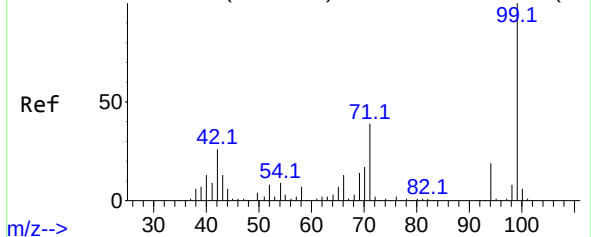


#5
2-Fluorophenol
Concen: 116.920 ng
RT: 5.498 min Scan# 562
Delta R.T. 0.006 min
Lab File: BF144331.D
Acq: 24 Nov 2025 18:47

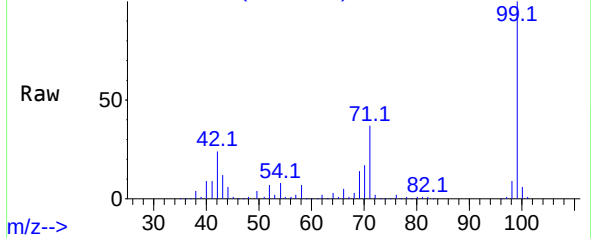
Tgt Ion:112 Resp: 405299
Ion Ratio Lower Upper
112 100
64 58.4 47.2 70.8
63 28.7 24.4 36.6



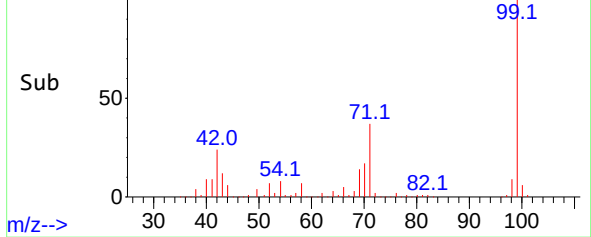
Abundance Scan 733 (6.504 min): BF144173.D\data.ms (-72



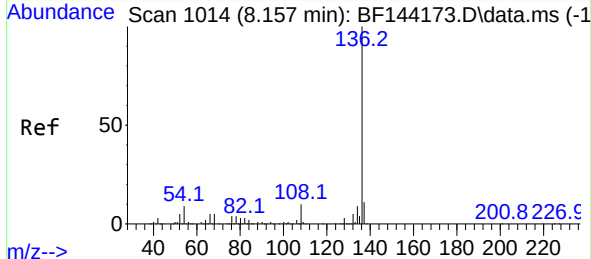
m/z--> Scan 732 (6.498 min): BF144331.D\data.ms



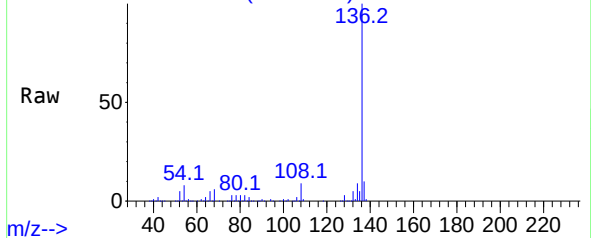
Abundance Scan 732 (6.498 min): BF144331.D\data.ms (-68



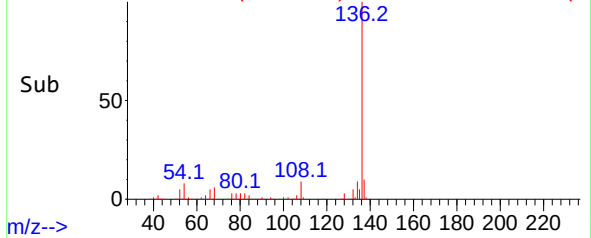
m/z--> Scan 1014 (8.157 min): BF144173.D\data.ms (-1



m/z--> Scan 1012 (8.145 min): BF144331.D\data.ms



Abundance Scan 1012 (8.145 min): BF144331.D\data.ms (-9



m/z--> Time-->

#7

Phenol-d6

Concen: 108.272 ng

RT: 6.498 min Scan# 71

Delta R.T. -0.000 min

Lab File: BF144331.D

Acq: 24 Nov 2025 18:47

Instrument :

BNA_F

ClientSampleId :

RBR200028-RT5376-COMP

Tgt Ion: 99 Resp: 425271

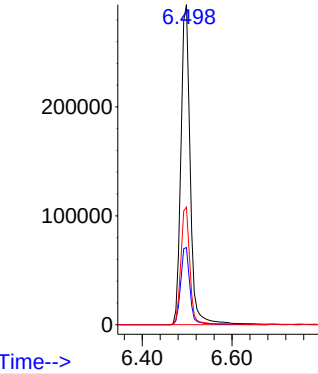
Ion Ratio Lower Upper

99 100

42 24.1 20.9 31.3

71 36.8 31.4 47.2

Abundance



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.145 min Scan# 1012

Delta R.T. -0.012 min

Lab File: BF144331.D

Acq: 24 Nov 2025 18:47

Tgt Ion:136 Resp: 206642

Ion Ratio Lower Upper

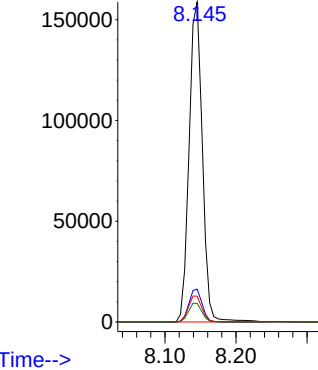
136 100

137 10.3 8.6 13.0

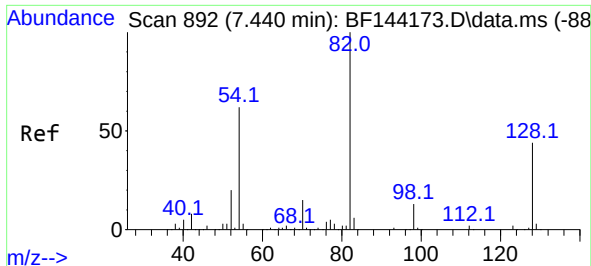
54 8.1 7.0 10.6

68 5.8 4.3 6.5

Abundance



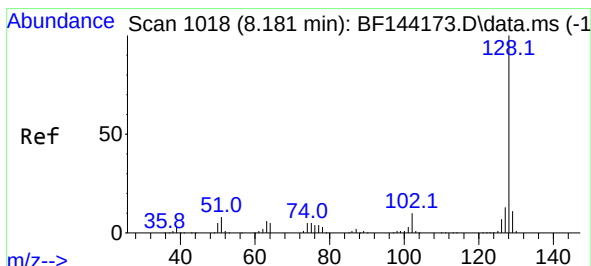
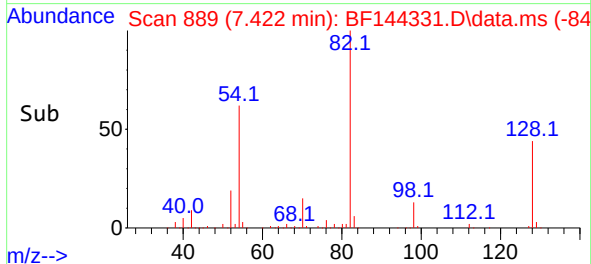
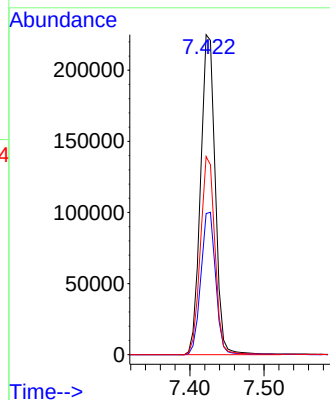
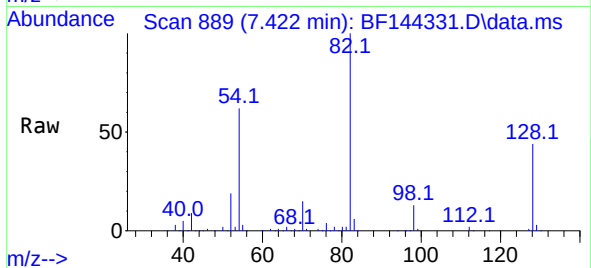
Time-->



#23
Nitrobenzene-d5
Concen: 86.741 ng
RT: 7.422 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF144331.D
Acq: 24 Nov 2025 18:47

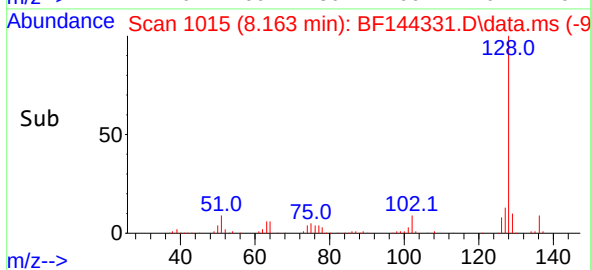
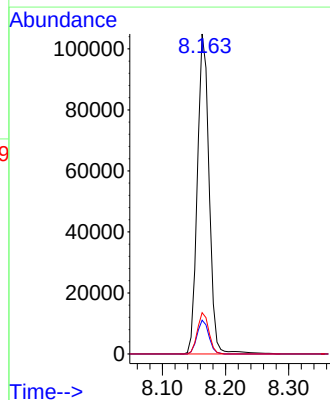
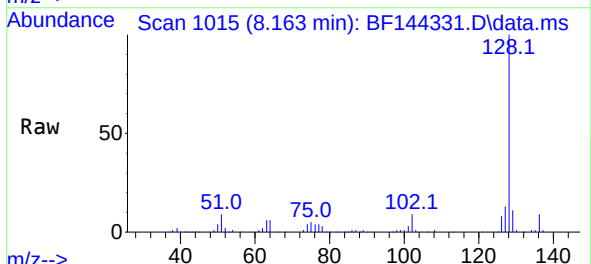
Instrument :
BNA_F
ClientSampleId :
RBR200028-RT5376-COMP

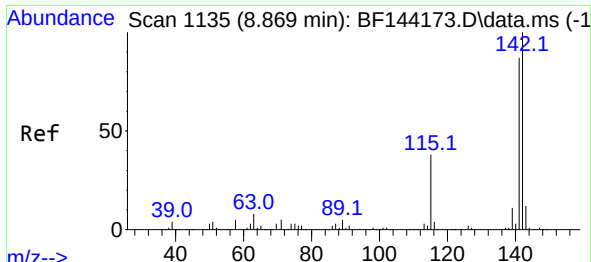
Tgt Ion: 82 Resp: 310351
Ion Ratio Lower Upper
82 100
128 44.1 34.7 52.1
54 61.9 49.5 74.3



#31
Naphthalene
Concen: 13.747 ng
RT: 8.163 min Scan# 1015
Delta R.T. -0.012 min
Lab File: BF144331.D
Acq: 24 Nov 2025 18:47

Tgt Ion:128 Resp: 135133
Ion Ratio Lower Upper
128 100
129 10.5 8.9 13.3
127 12.9 10.3 15.5

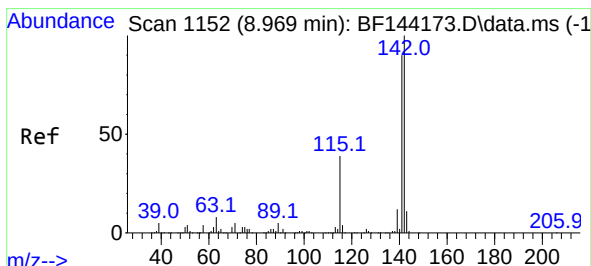
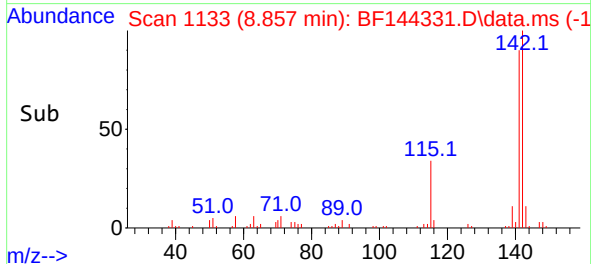
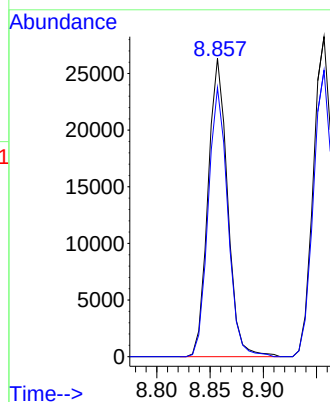
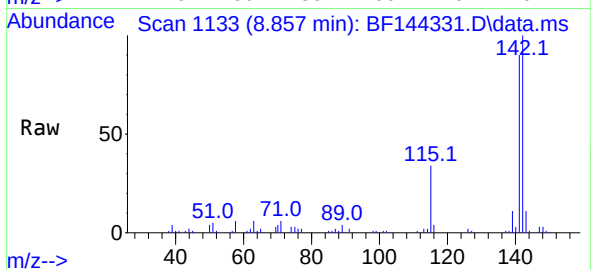




#37
2-Methylnaphthalene
Concen: 5.124 ng
RT: 8.857 min Scan# 1133
Delta R.T. -0.012 min
Lab File: BF144331.D
Acq: 24 Nov 2025 18:47

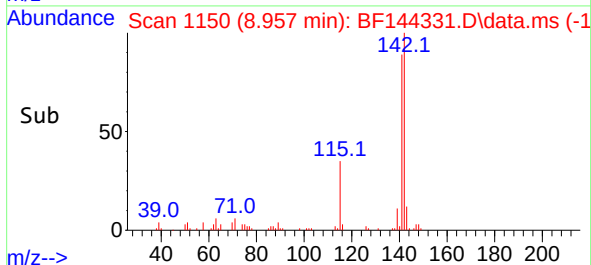
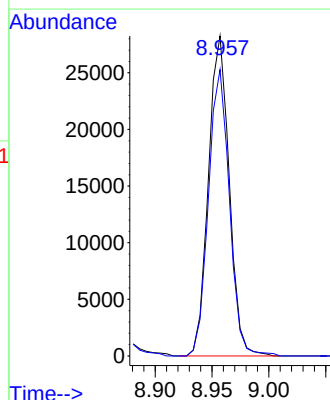
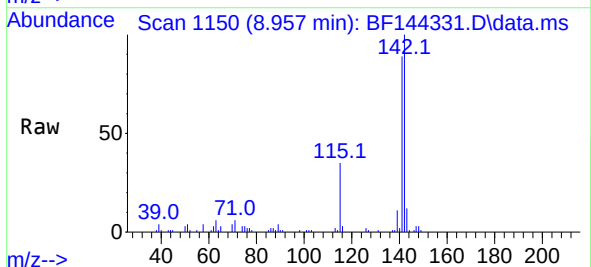
Instrument :
BNA_F
ClientSampleId :
RBR200028-RT5376-COMP

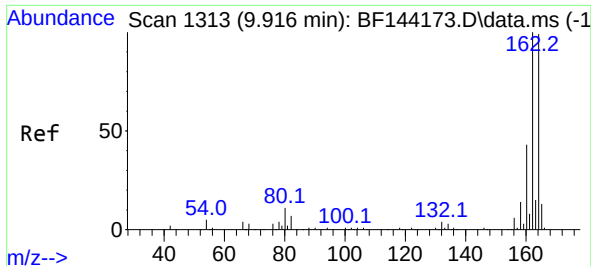
Tgt Ion:142 Resp: 33676
Ion Ratio Lower Upper
142 100
141 90.1 69.9 104.9



#38
1-Methylnaphthalene
Concen: 5.674 ng
RT: 8.957 min Scan# 1150
Delta R.T. -0.012 min
Lab File: BF144331.D
Acq: 24 Nov 2025 18:47

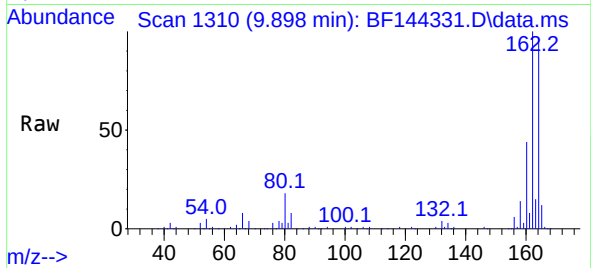
Tgt Ion:142 Resp: 35984
Ion Ratio Lower Upper
142 100
141 89.5 72.1 108.1



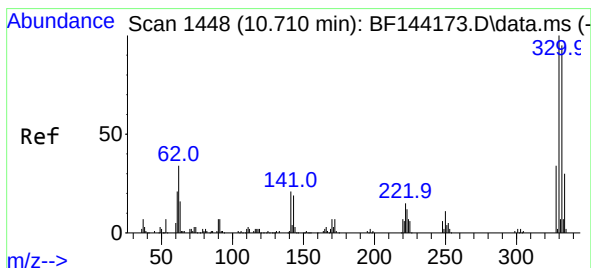
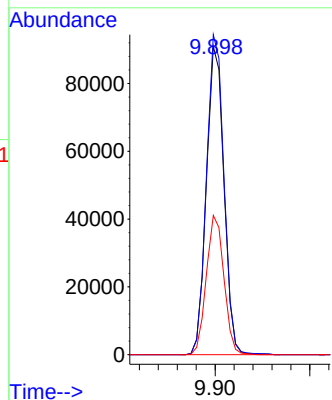
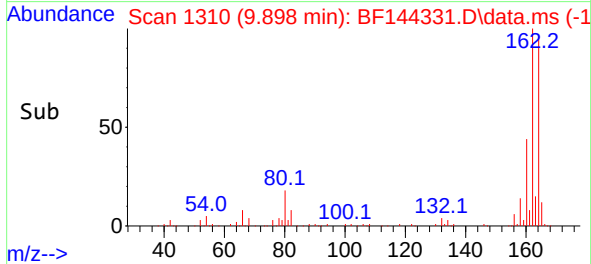


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.898 min Scan# 11
Delta R.T. -0.018 min
Lab File: BF144331.D
Acq: 24 Nov 2025 18:47

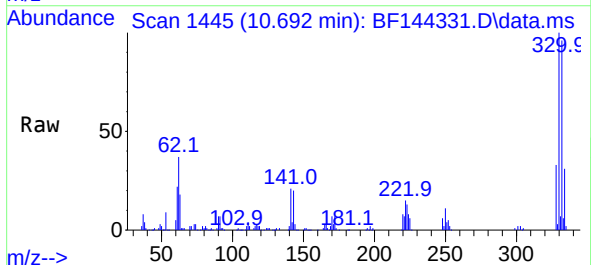
Instrument :
BNA_F
ClientSampleId :
RBR200028-RT5376-COMP



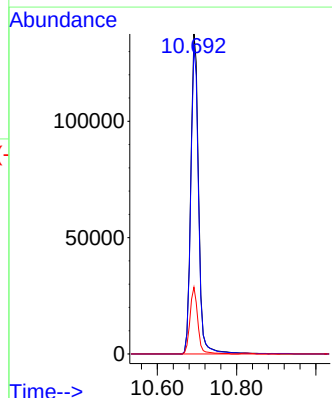
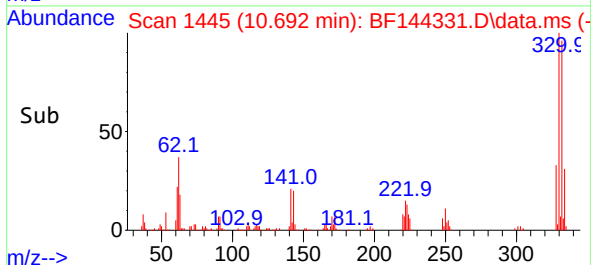
Tgt Ion:164 Resp: 116491
Ion Ratio Lower Upper
164 100
162 103.8 81.1 121.7
160 45.2 34.5 51.7

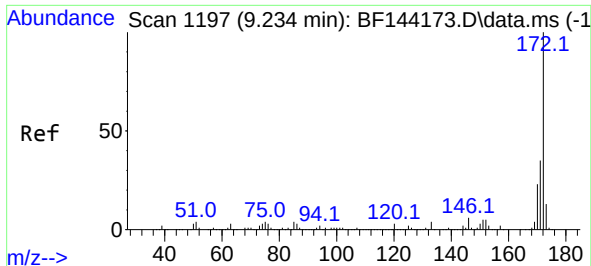


#42
2,4,6-Tribromophenol
Concen: 129.440 ng
RT: 10.692 min Scan# 1445
Delta R.T. -0.012 min
Lab File: BF144331.D
Acq: 24 Nov 2025 18:47



Tgt Ion:330 Resp: 189219
Ion Ratio Lower Upper
330 100
332 95.4 76.7 115.1
141 20.8 17.8 26.8





#45

2-Fluorobiphenyl

Concen: 84.992 ng

RT: 9.222 min Scan# 1195

Delta R.T. -0.006 min

Lab File: BF144331.D

Acq: 24 Nov 2025 18:47

Instrument :

BNA_F

ClientSampleId :

RBR200028-RT5376-COMP

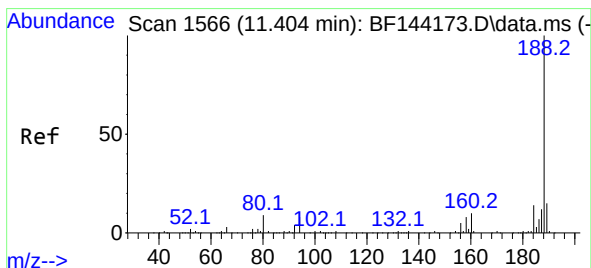
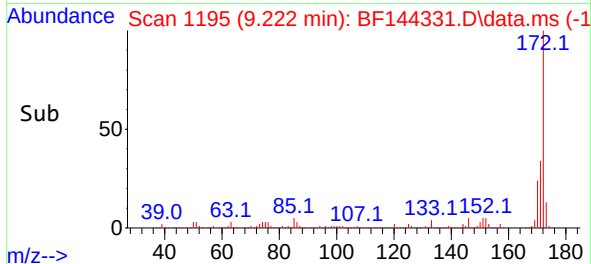
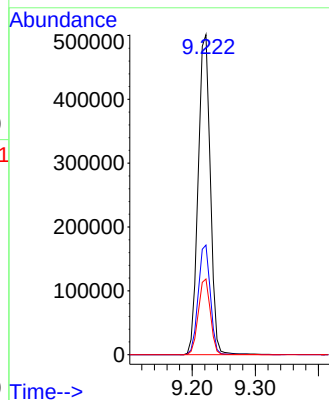
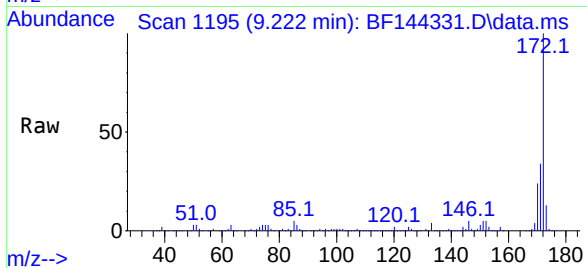
Tgt Ion:172 Resp: 670360

Ion Ratio Lower Upper

172 100

171 34.2 28.1 42.1

170 23.7 18.6 28.0



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.392 min Scan# 1564

Delta R.T. -0.012 min

Lab File: BF144331.D

Acq: 24 Nov 2025 18:47

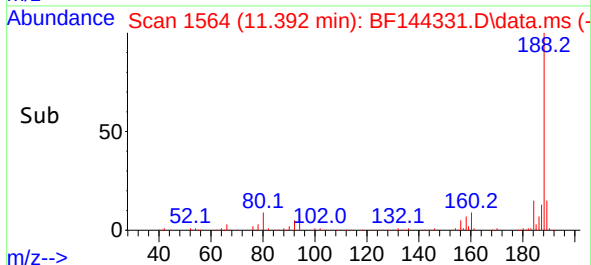
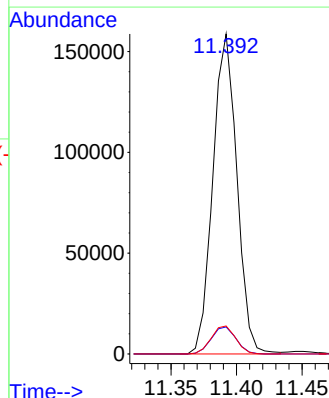
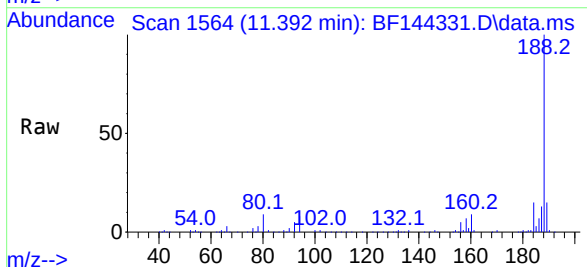
Tgt Ion:188 Resp: 201954

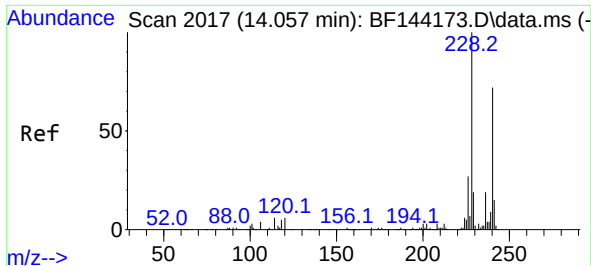
Ion Ratio Lower Upper

188 100

94 8.5 6.2 9.2

80 8.7 6.9 10.3

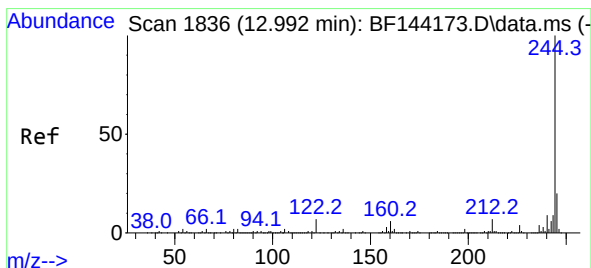
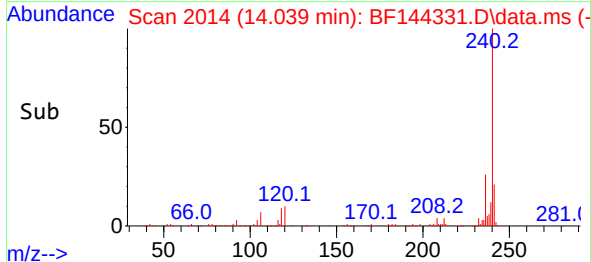
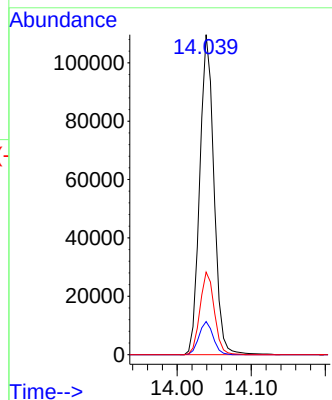
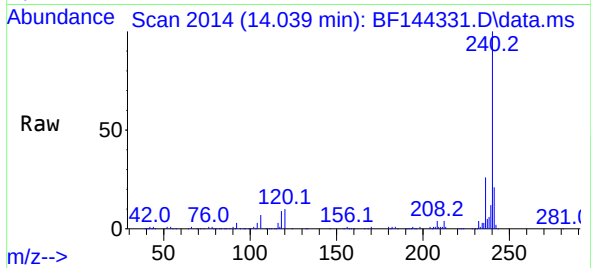




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 2014
Delta R.T. -0.012 min
Lab File: BF144331.D
Acq: 24 Nov 2025 18:47

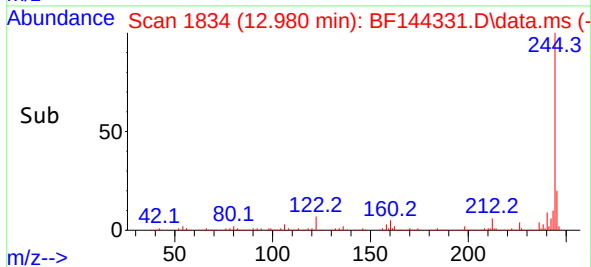
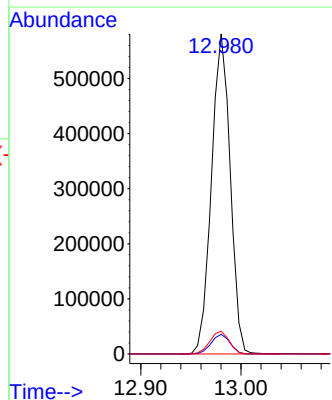
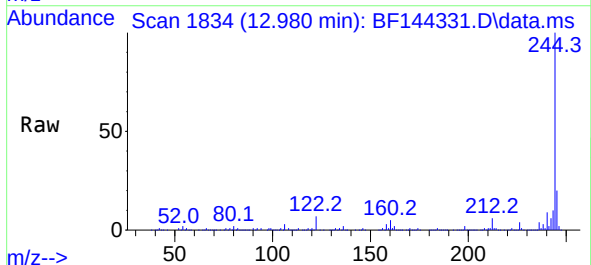
Instrument :
BNA_F
ClientSampleId :
RBR200028-RT5376-COMP

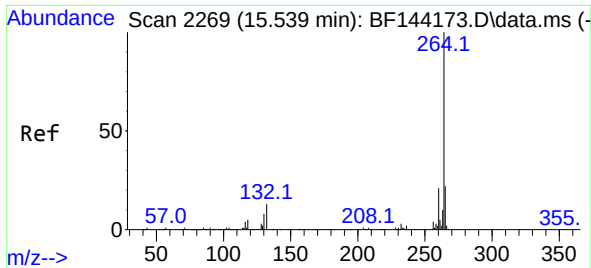
Tgt Ion:240 Resp: 146534
Ion Ratio Lower Upper
240 100
120 10.4 6.6 10.0#
236 25.8 21.4 32.2



#79
Terphenyl-d14
Concen: 81.757 ng
RT: 12.980 min Scan# 1834
Delta R.T. -0.012 min
Lab File: BF144331.D
Acq: 24 Nov 2025 18:47

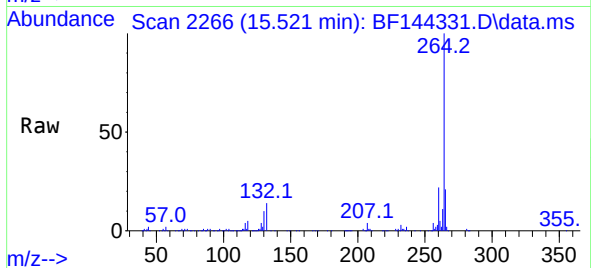
Tgt Ion:244 Resp: 754231
Ion Ratio Lower Upper
244 100
212 6.2 5.3 7.9
122 7.1 5.6 8.4





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.521 min Scan# 21
 Delta R.T. -0.018 min
 Lab File: BF144331.D
 Acq: 24 Nov 2025 18:47

Instrument :
 BNA_F
 ClientSampleId :
 RBR200028-RT5376-COMP



Tgt Ion:264 Resp: 173908

Ion	Ratio	Lower	Upper
264	100		
260	22.4	17.1	25.7
265	21.4	17.4	26.0

