

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080525\
 Data File : BF143315.D
 Acq On : 05 Aug 2025 14:57
 Operator : RC/JU
 Sample : Q2759-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SOLID-DRUMS

Quant Time: Aug 05 15:36:11 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 17 15:14:05 2025
 Response via : Initial Calibration

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

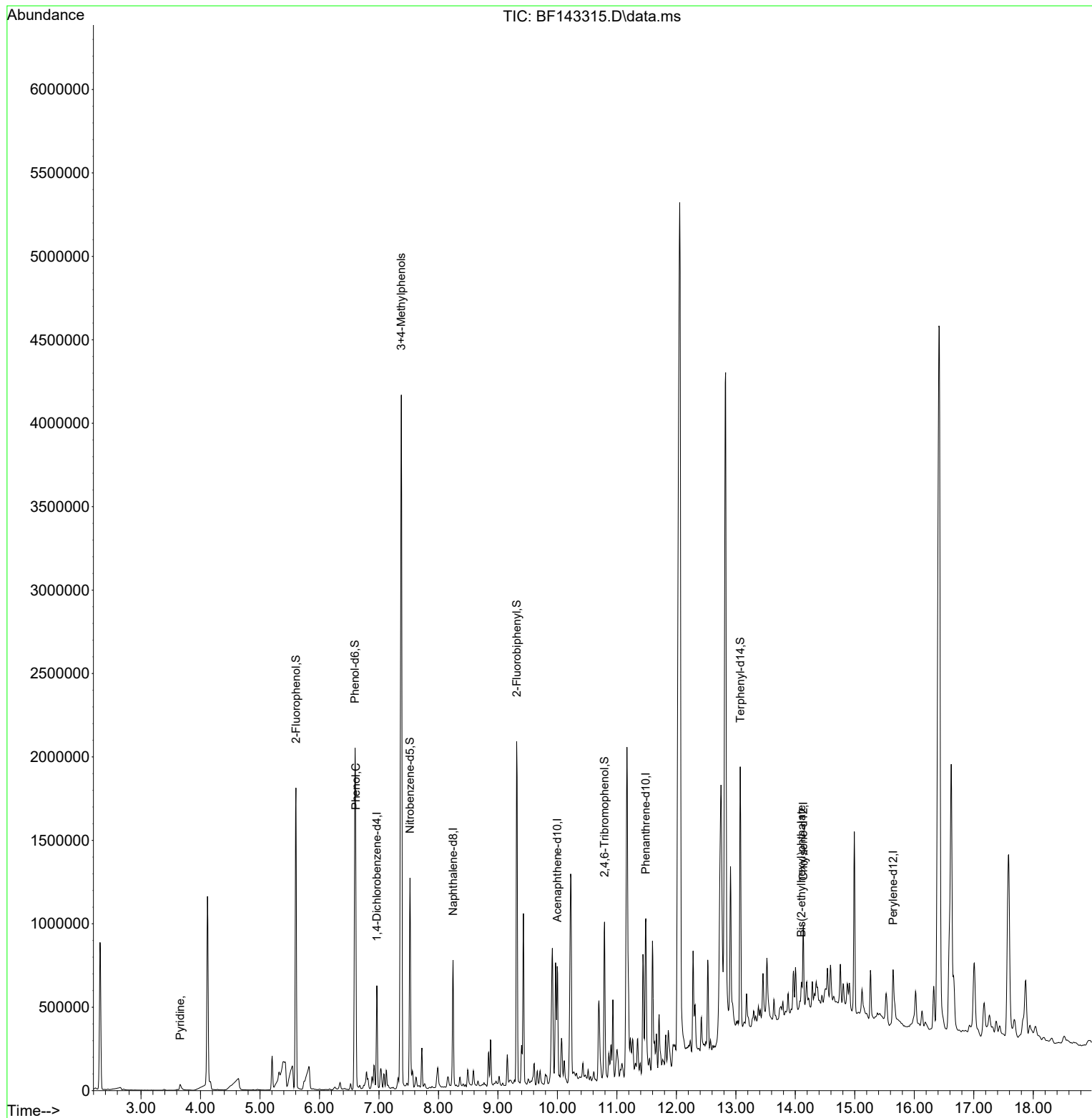
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.963	152	124277	20.000	ng	0.00
21) Naphthalene-d8	8.245	136	446564	20.000	ng	0.00
39) Acenaphthene-d10	9.998	164	191024	20.000	ng	0.00
64) Phenanthrene-d10	11.486	188	267201	20.000	ng	0.00
76) Chrysene-d12	14.133	240	236993	20.000	ng	0.01
86) Perylene-d12	15.645	264	173103	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.604	112	684008	87.097	ng	0.02
7) Phenol-d6	6.598	99	865350	87.542	ng	0.01
23) Nitrobenzene-d5	7.522	82	539277	60.196	ng	0.00
42) 2,4,6-Tribromophenol	10.792	330	157136	79.628	ng	0.00
45) 2-Fluorobiphenyl	9.316	172	900025	64.437	ng	0.00
79) Terphenyl-d14	13.074	244	746483	46.873	ng	0.00
Target Compounds						
3) Pyridine	3.657	79	25399	2.633	ng	Qvalue 96
10) Phenol	6.610	94	356285	33.085	ng	97
20) 3+4-Methylphenols	7.375	107	1892911	225.407	ng	# 73
84) Bis(2-ethylhexyl)phtha...	14.104	149	57761	6.162	ng	97

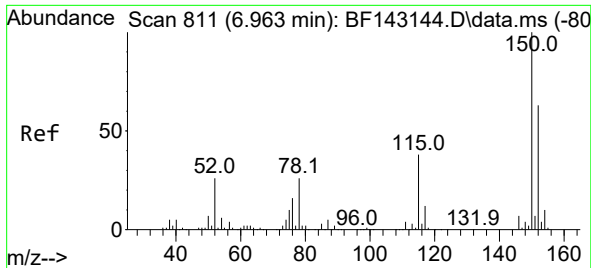
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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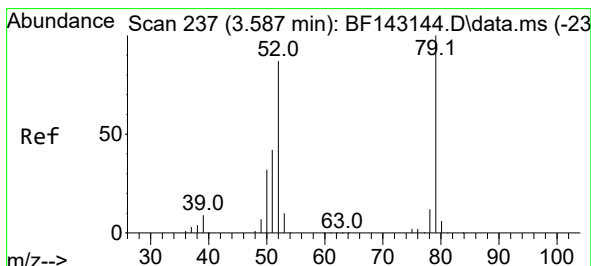
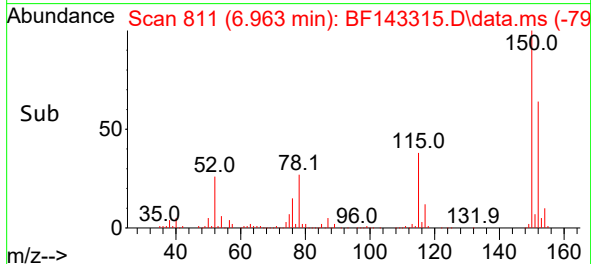
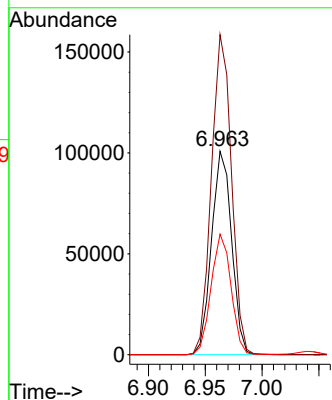
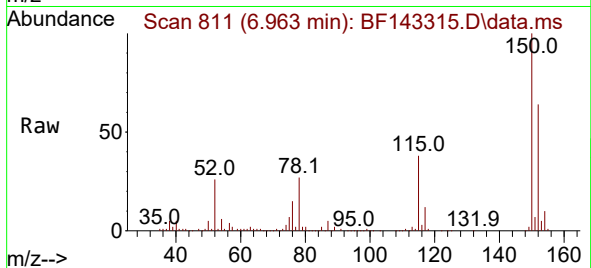




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.963 min Scan# 811
 Delta R.T. -0.000 min
 Lab File: BF143315.D
 Acq: 05 Aug 2025 14:57

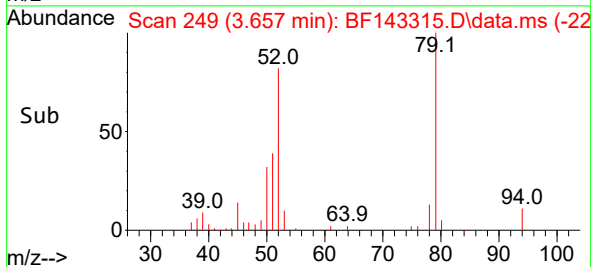
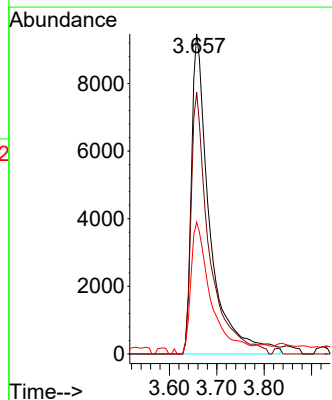
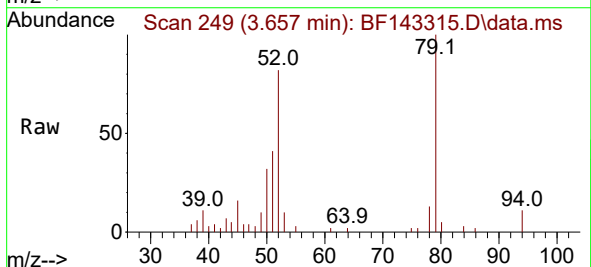
Instrument :
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 ClientSampleId :
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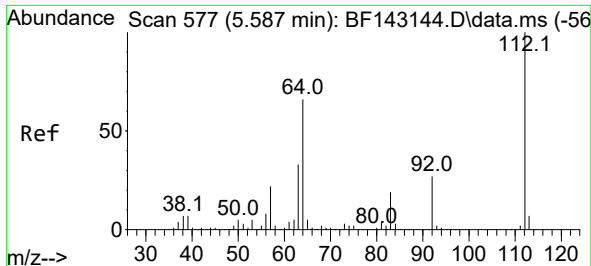
Tgt Ion:152 Resp: 124277
 Ion Ratio Lower Upper
 152 100
 150 157.3 128.2 192.4
 115 59.2 47.9 71.9



#3
 Pyridine
 Concen: 2.633 ng
 RT: 3.657 min Scan# 249
 Delta R.T. 0.071 min
 Lab File: BF143315.D
 Acq: 05 Aug 2025 14:57

Tgt Ion: 79 Resp: 25399
 Ion Ratio Lower Upper
 79 100
 52 81.7 69.4 104.2
 51 41.2 33.5 50.3

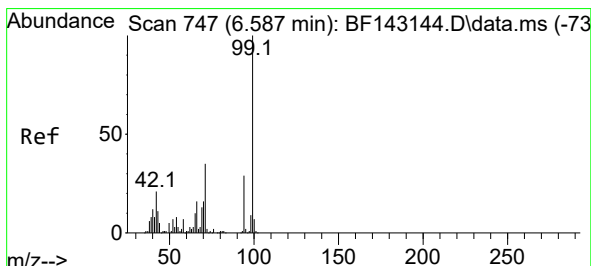
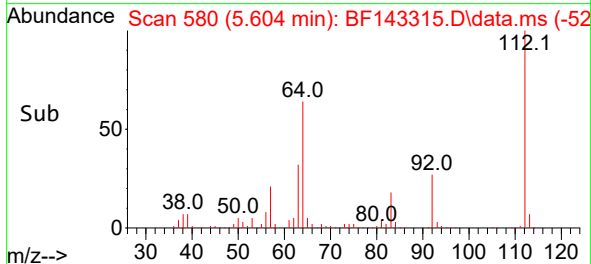
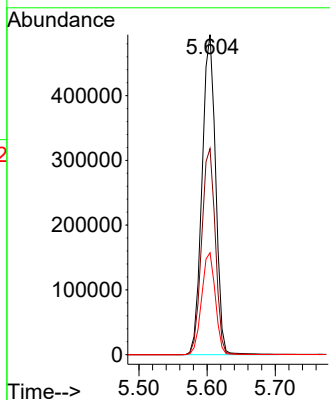
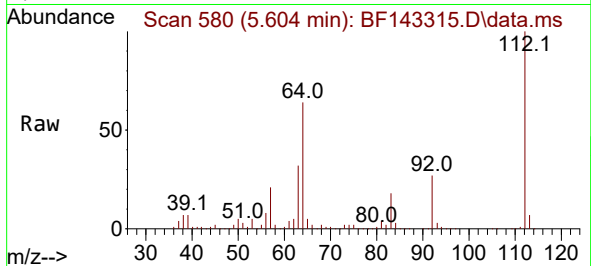




#5
2-Fluorophenol
Concen: 87.097 ng
RT: 5.604 min Scan# 51
Delta R.T. 0.018 min
Lab File: BF143315.D
Acq: 05 Aug 2025 14:57

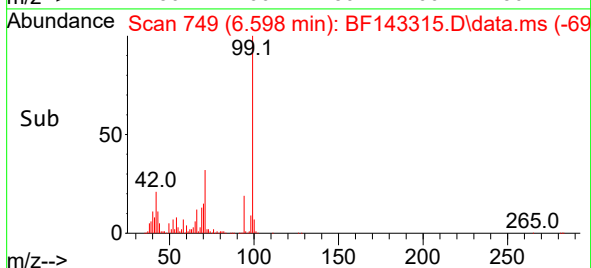
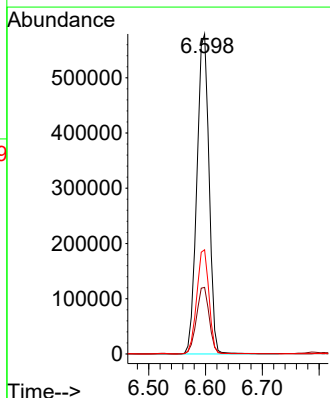
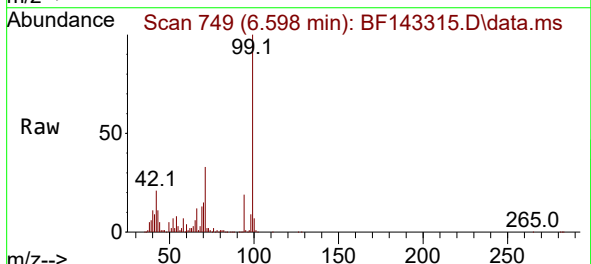
Instrument :
BNA_F
ClientSampleId :
SOLID-DRUMS

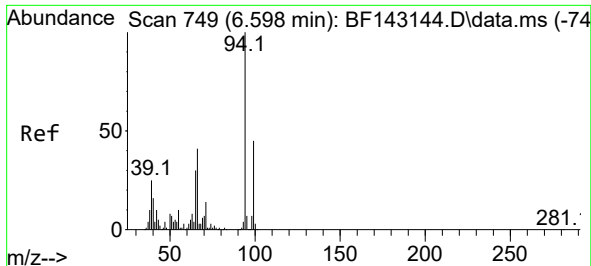
Tgt Ion:112 Resp: 684008
Ion Ratio Lower Upper
112 100
64 64.4 53.1 79.7
63 31.9 26.6 40.0



#7
Phenol-d6
Concen: 87.542 ng
RT: 6.598 min Scan# 749
Delta R.T. 0.012 min
Lab File: BF143315.D
Acq: 05 Aug 2025 14:57

Tgt Ion: 99 Resp: 865350
Ion Ratio Lower Upper
99 100
42 20.8 17.0 25.6
71 32.5 27.7 41.5

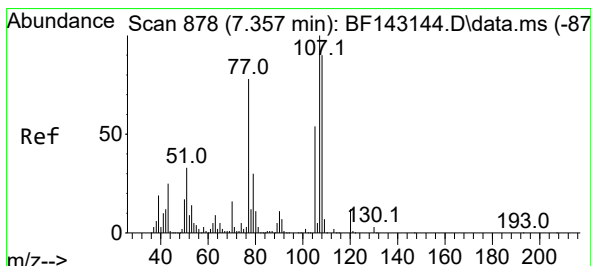
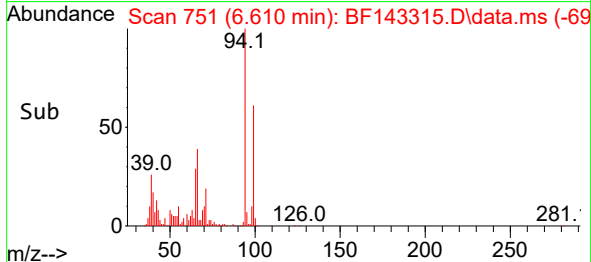
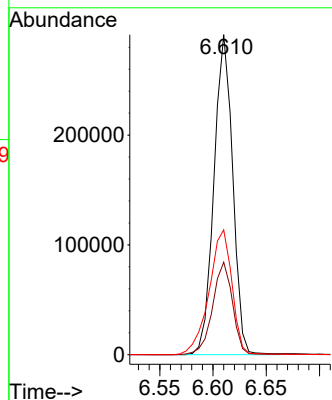
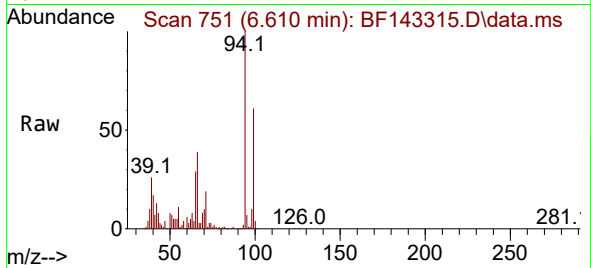




#10
Phenol
Concen: 33.085 ng
RT: 6.610 min Scan# 71
Delta R.T. 0.012 min
Lab File: BF143315.D
Acq: 05 Aug 2025 14:57

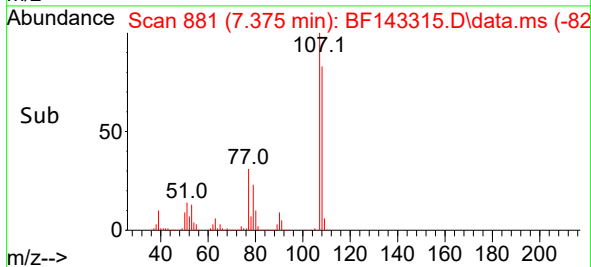
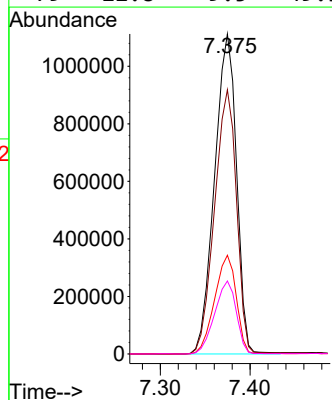
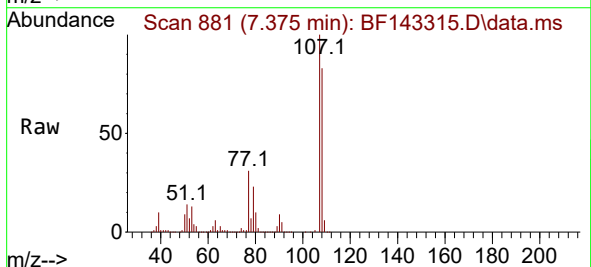
Instrument :
BNA_F
ClientSampleId :
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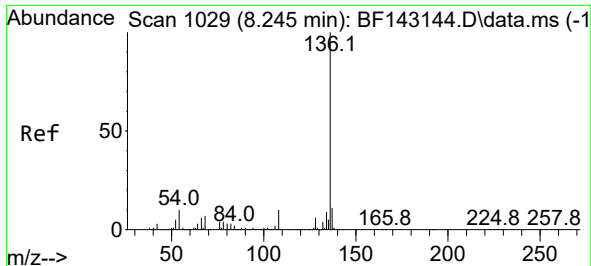
Tgt Ion: 94 Resp: 356285
Ion Ratio Lower Upper
94 100
65 28.9 10.0 50.0
66 39.0 20.8 60.8



#20
3+4-Methylphenols
Concen: 225.407 ng
RT: 7.375 min Scan# 881
Delta R.T. 0.018 min
Lab File: BF143315.D
Acq: 05 Aug 2025 14:57

Tgt Ion:107 Resp: 1892911
Ion Ratio Lower Upper
107 100
108 82.5 70.0 110.0
77 30.8 57.8 97.8#
79 22.8 9.5 49.5

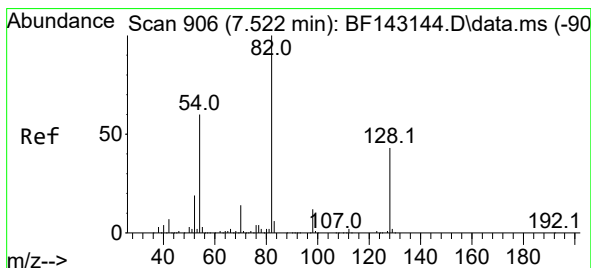
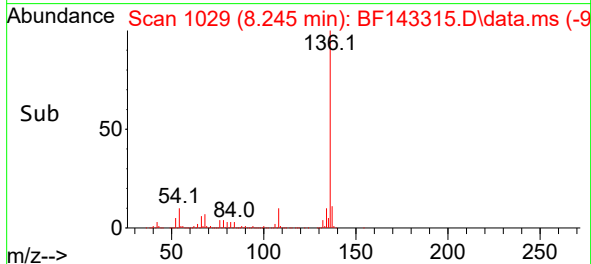
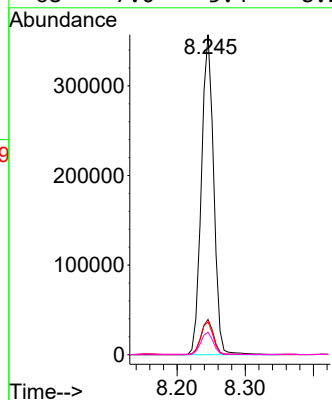
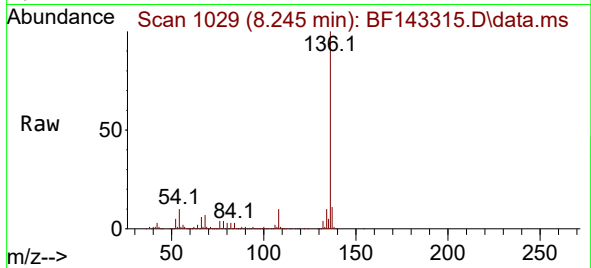




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.245 min Scan# 1029
Delta R.T. 0.000 min
Lab File: BF143315.D
Acq: 05 Aug 2025 14:57

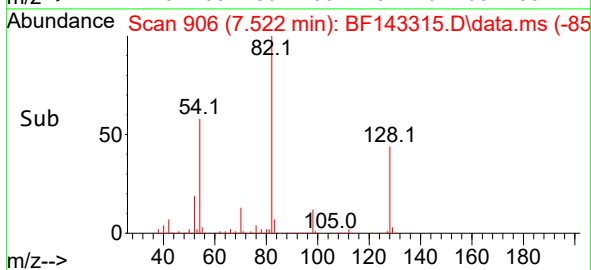
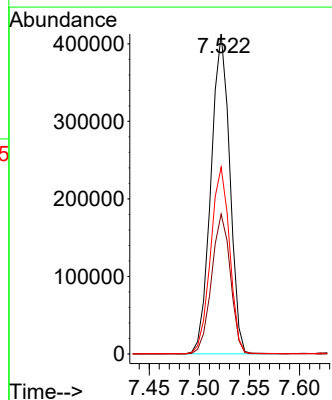
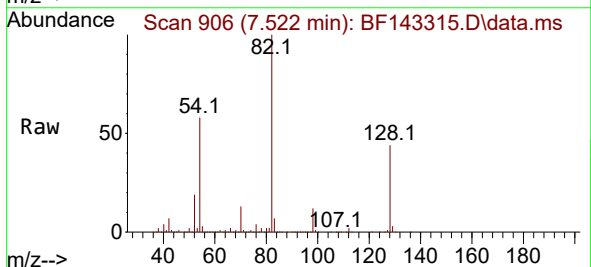
Instrument :
BNA_F
ClientSampleId :
SOLID-DRUMS

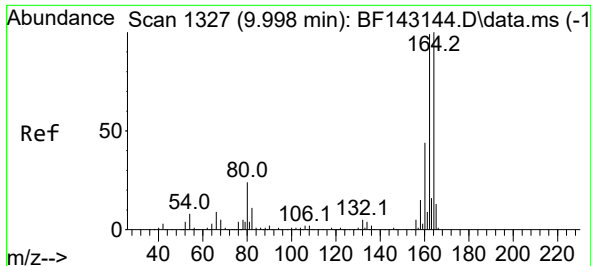
Tgt Ion:	136	Resp:	446564
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.6	13.0
54	10.3	8.2	12.2
68	7.0	5.4	8.2



#23
Nitrobenzene-d5
Concen: 60.196 ng
RT: 7.522 min Scan# 906
Delta R.T. -0.000 min
Lab File: BF143315.D
Acq: 05 Aug 2025 14:57

Tgt Ion:	82	Resp:	539277
Ion	Ratio	Lower	Upper
82	100		
128	43.7	33.6	50.4
54	58.4	47.1	70.7

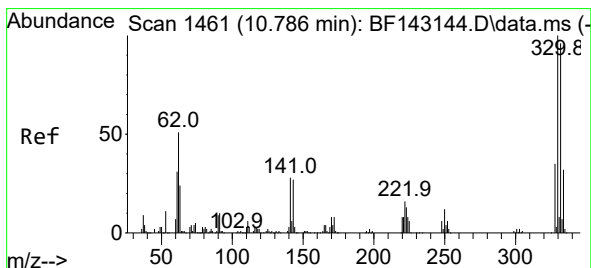
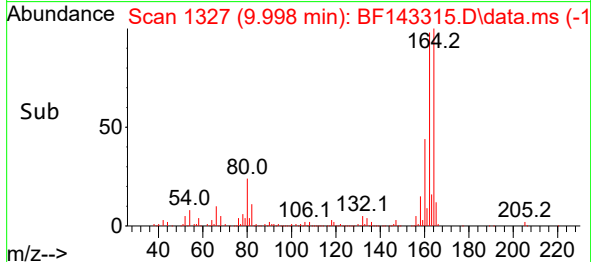
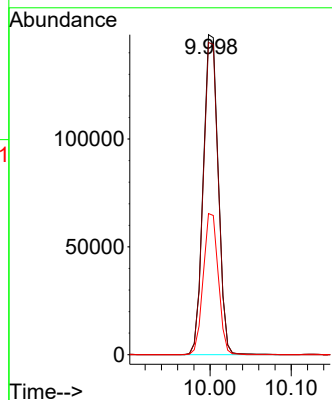
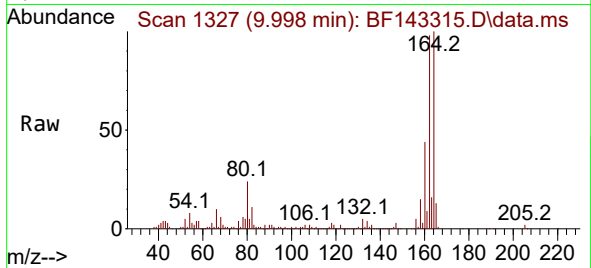




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.998 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF143315.D
Acq: 05 Aug 2025 14:57

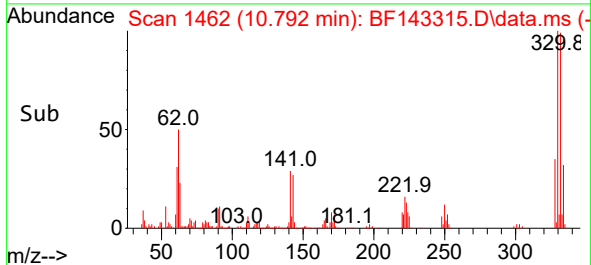
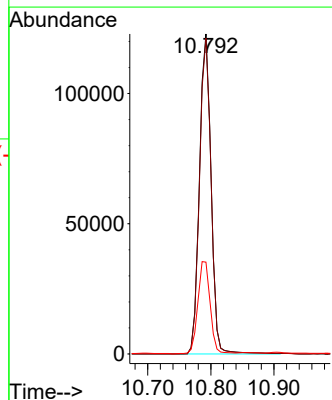
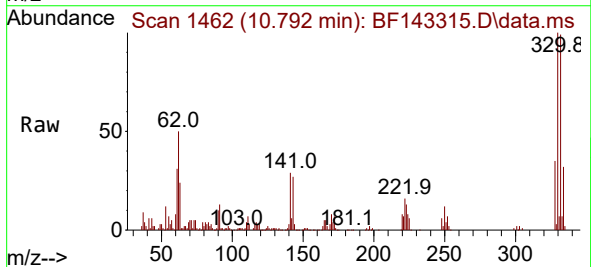
Instrument :
BNA_F
ClientSampleId :
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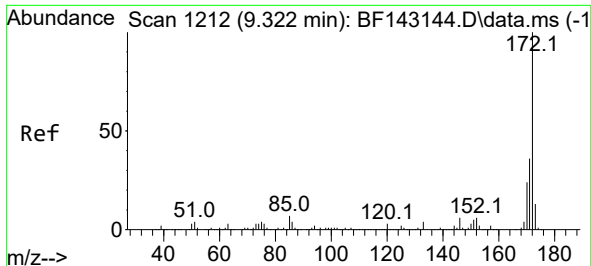
Tgt Ion:164 Resp: 191024
Ion Ratio Lower Upper
164 100
162 97.5 79.0 118.6
160 44.1 35.1 52.7



#42
2,4,6-Tribromophenol
Concen: 79.628 ng
RT: 10.792 min Scan# 1462
Delta R.T. 0.006 min
Lab File: BF143315.D
Acq: 05 Aug 2025 14:57

Tgt Ion:330 Resp: 157136
Ion Ratio Lower Upper
330 100
332 98.3 76.7 115.1
141 30.8 23.3 34.9

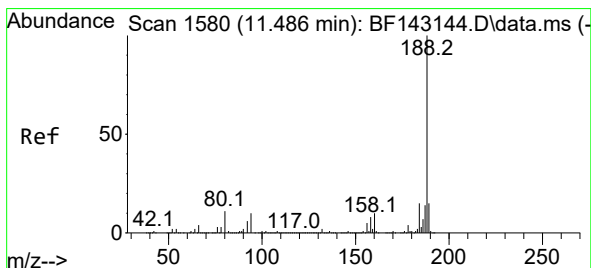
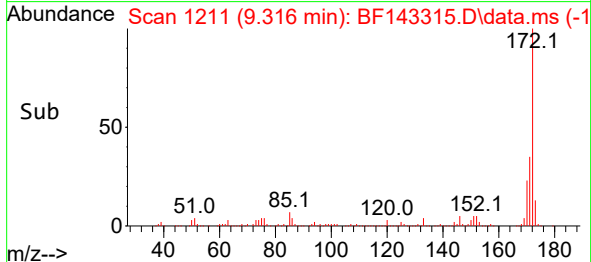
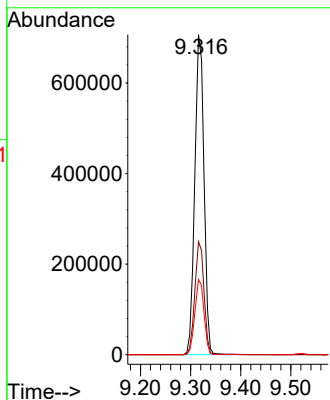
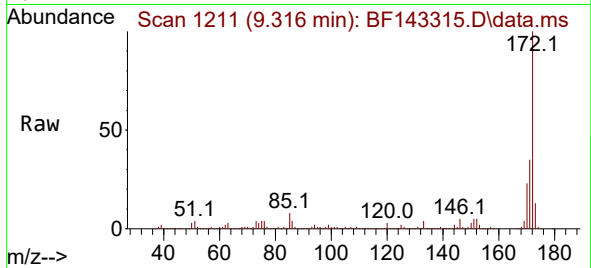




#45
2-Fluorobiphenyl
Concen: 64.437 ng
RT: 9.316 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF143315.D
Acq: 05 Aug 2025 14:57

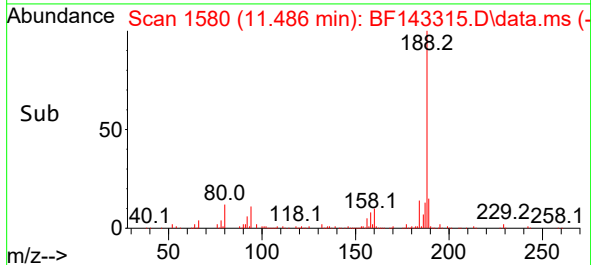
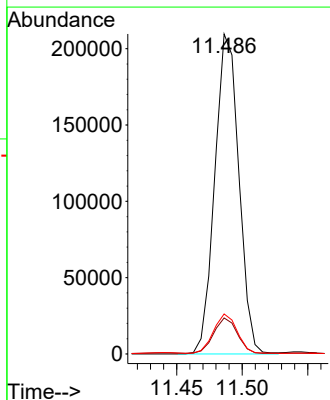
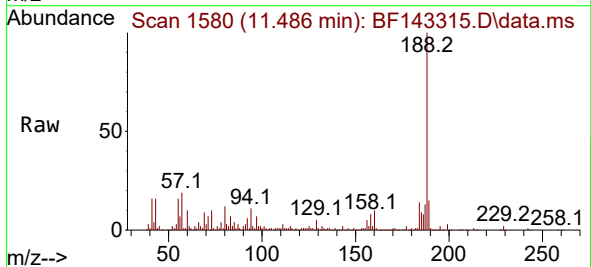
Instrument :
BNA_F
ClientSampleId :
SOLID-DRUMS

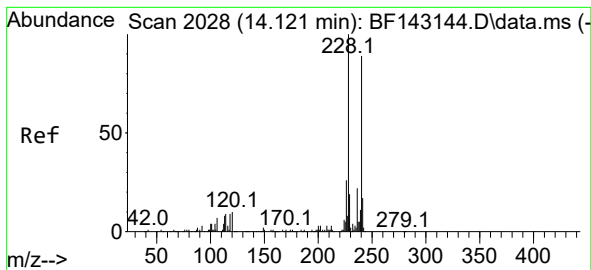
Tgt Ion:172 Resp: 900025
Ion Ratio Lower Upper
172 100
171 35.4 28.6 42.8
170 23.5 18.8 28.2



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.486 min Scan# 1580
Delta R.T. -0.000 min
Lab File: BF143315.D
Acq: 05 Aug 2025 14:57

Tgt Ion:188 Resp: 267201
Ion Ratio Lower Upper
188 100
94 11.3 8.3 12.5
80 12.5 9.0 13.6

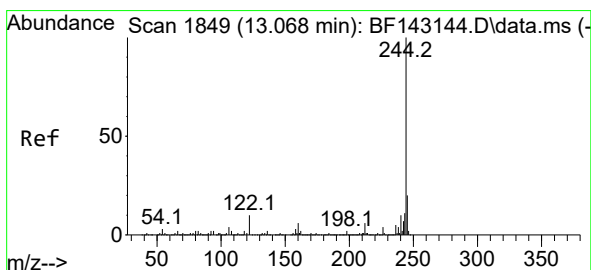
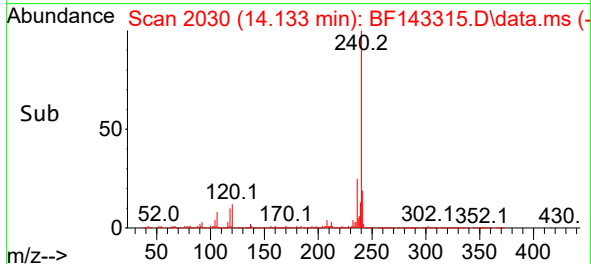
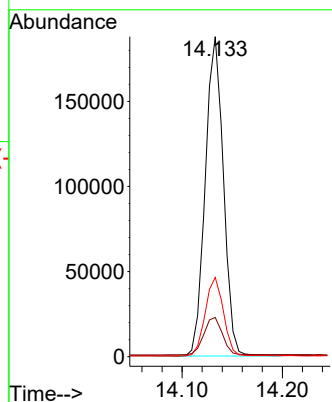
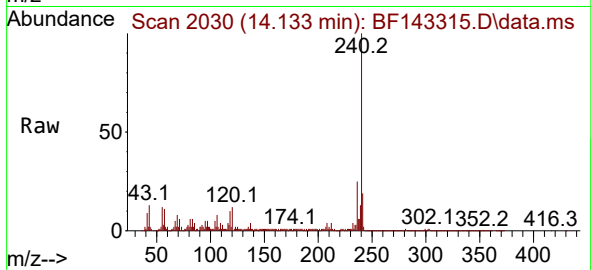




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.133 min Scan# 2028
Delta R.T. 0.012 min
Lab File: BF143315.D
Acq: 05 Aug 2025 14:57

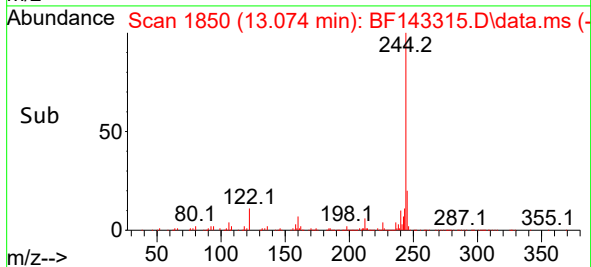
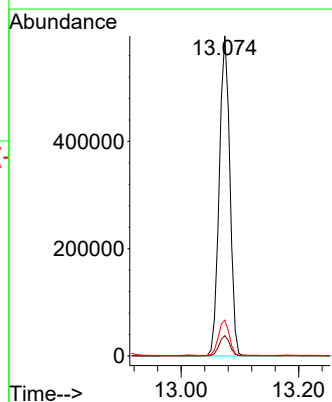
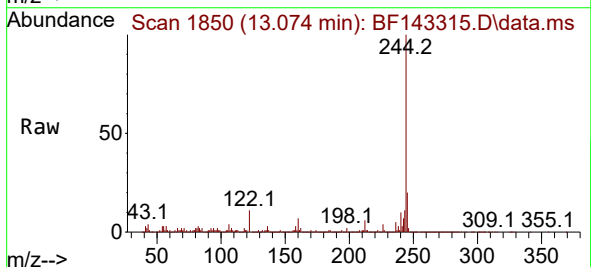
Instrument :
BNA_F
ClientSampleId :
SOLID-DRUMS

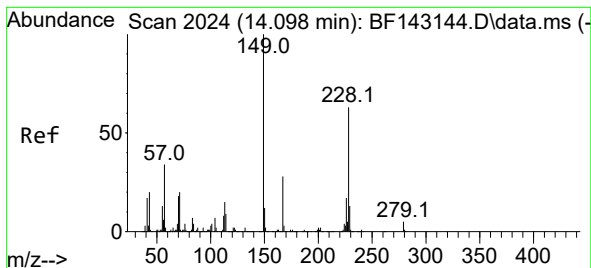
Tgt Ion:240 Resp: 236993
Ion Ratio Lower Upper
240 100
120 12.3 9.4 14.2
236 24.8 20.2 30.4



#79
Terphenyl-d14
Concen: 46.873 ng
RT: 13.074 min Scan# 1850
Delta R.T. 0.006 min
Lab File: BF143315.D
Acq: 05 Aug 2025 14:57

Tgt Ion:244 Resp: 746483
Ion Ratio Lower Upper
244 100
212 6.4 5.2 7.8
122 11.2 8.2 12.2

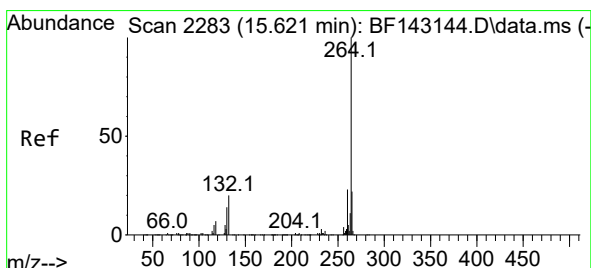
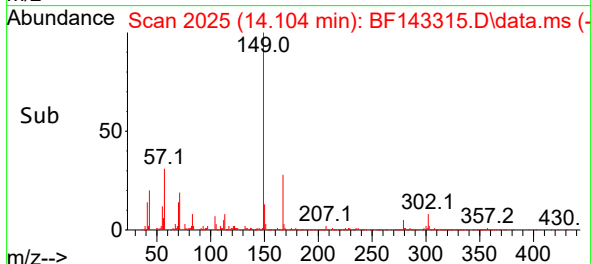
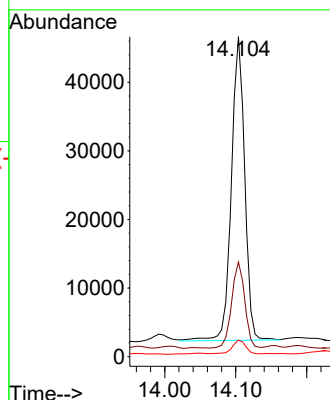
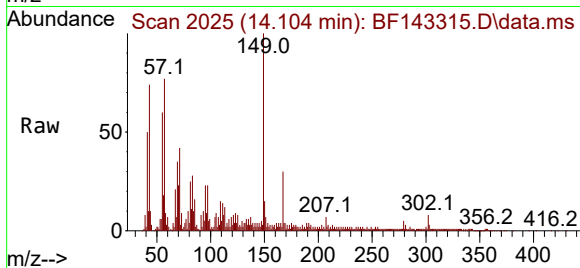




#84
Bis(2-ethylhexyl)phthalate
Concen: 6.162 ng
RT: 14.104 min Scan# 20
Delta R.T. 0.006 min
Lab File: BF143315.D
Acq: 05 Aug 2025 14:57

Instrument :
BNA_F
ClientSampleId :
SOLID-DRUMS

Tgt Ion:149 Resp: 57761
Ion Ratio Lower Upper
149 100
167 29.6 22.3 33.5
279 5.2 3.6 5.4



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.645 min Scan# 2287
Delta R.T. 0.024 min
Lab File: BF143315.D
Acq: 05 Aug 2025 14:57

Tgt Ion:264 Resp: 173103
Ion Ratio Lower Upper
264 100
260 23.6 18.5 27.7
265 22.3 17.4 26.2

