

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080425\
 Data File : BF143298.D
 Acq On : 04 Aug 2025 16:07
 Operator : RC/JU
 Sample : Q2734-02
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-253

Quant Time: Aug 04 16:52:20 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	115506	20.000	ng	0.00
21) Naphthalene-d8	8.239	136	412474	20.000	ng	0.00
39) Acenaphthene-d10	9.998	164	182647	20.000	ng	0.00
64) Phenanthrene-d10	11.486	188	279056	20.000	ng	0.00
76) Chrysene-d12	14.127	240	247746	20.000	ng	0.00
86) Perylene-d12	15.633	264	213159	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.604	112	810397	111.027	ng	0.02
7) Phenol-d6	6.587	99	941067	102.431	ng	0.00
23) Nitrobenzene-d5	7.516	82	687691	83.107	ng	0.00
42) 2,4,6-Tribromophenol	10.786	330	234520	124.292	ng	0.00
45) 2-Fluorobiphenyl	9.316	172	1101646	82.489	ng	0.00
79) Terphenyl-d14	13.069	244	1057506	63.520	ng	0.00

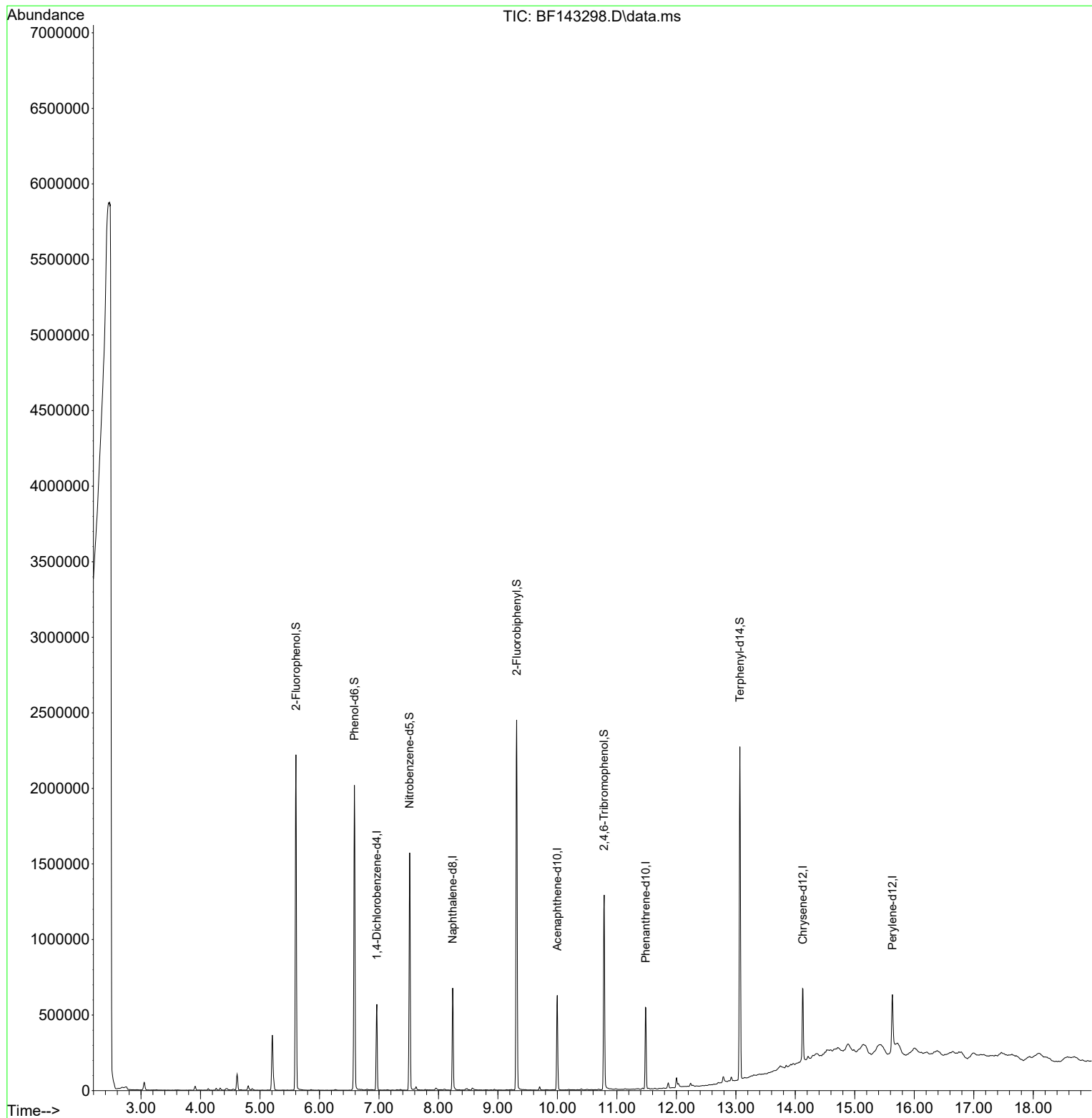
Target Compounds	Qvalue

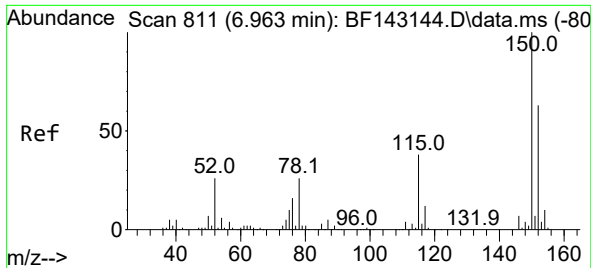
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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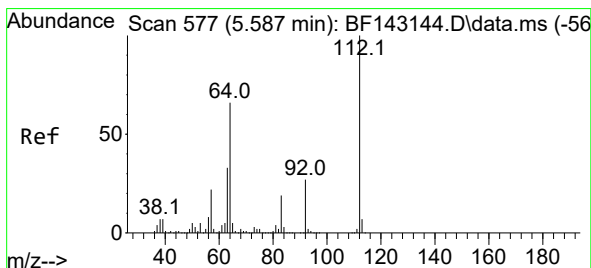
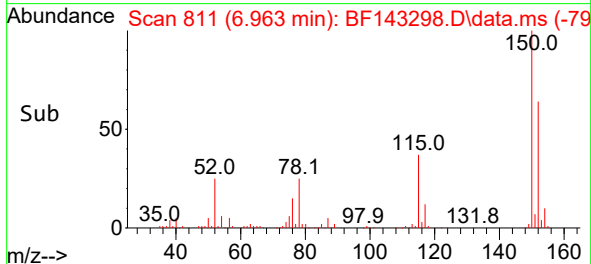
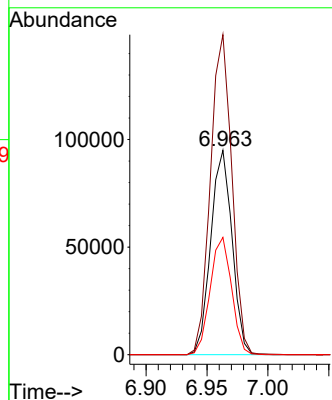
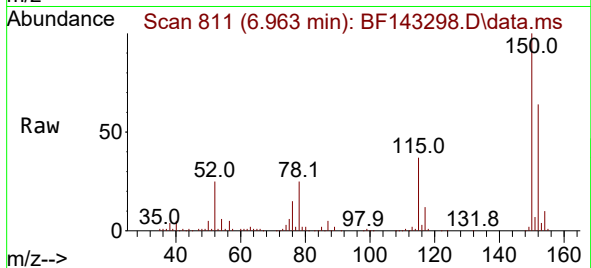




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.963 min Scan# 811
 Delta R.T. 0.000 min
 Lab File: BF143298.D
 Acq: 04 Aug 2025 16:07

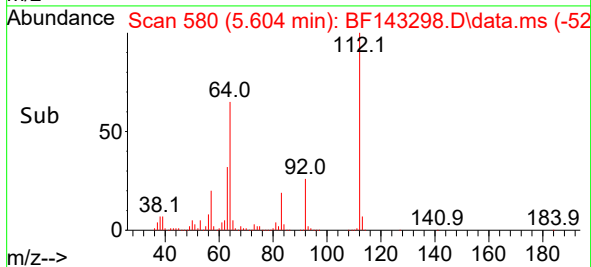
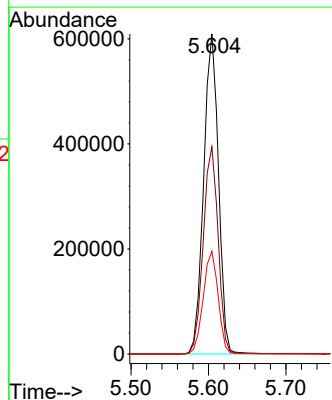
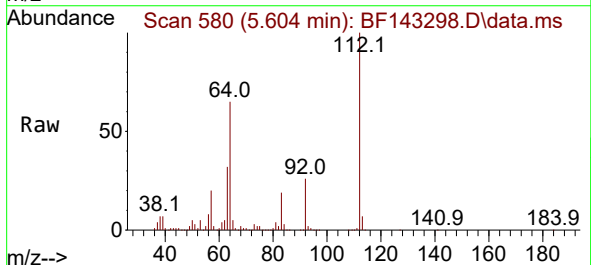
Instrument :
 BNA_F
 ClientSampleId :
 VNJ-253

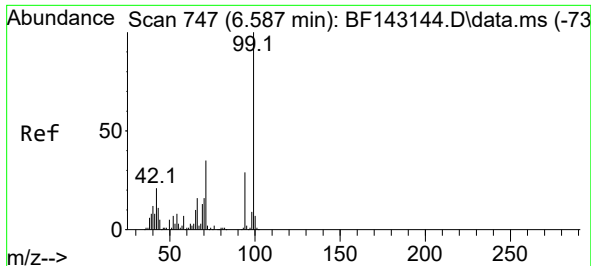
Tgt Ion:152 Resp: 115506
 Ion Ratio Lower Upper
 152 100
 150 156.7 128.2 192.4
 115 57.4 47.9 71.9



#5
 2-Fluorophenol
 Concen: 111.027 ng
 RT: 5.604 min Scan# 580
 Delta R.T. 0.018 min
 Lab File: BF143298.D
 Acq: 04 Aug 2025 16:07

Tgt Ion:112 Resp: 810397
 Ion Ratio Lower Upper
 112 100
 64 64.7 53.1 79.7
 63 32.0 26.6 40.0

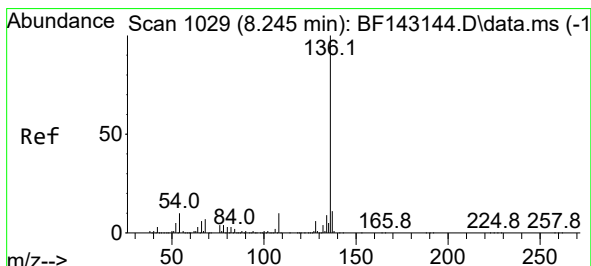
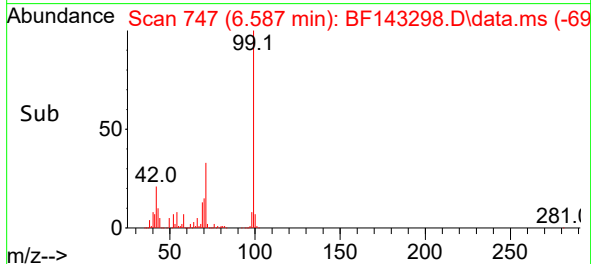
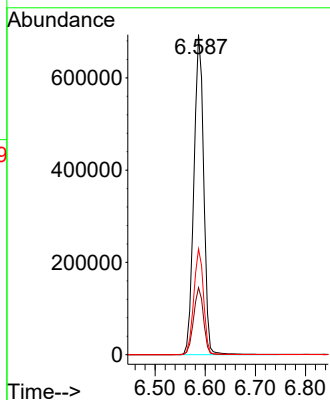
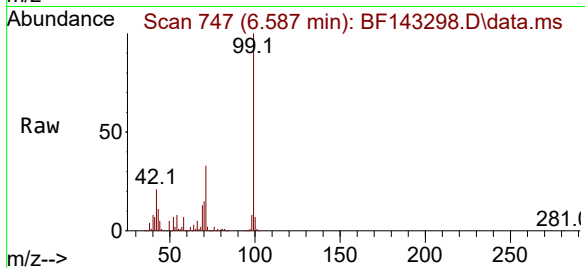




#7
Phenol-d6
Concen: 102.431 ng
RT: 6.587 min Scan# 747
Delta R.T. 0.000 min
Lab File: BF143298.D
Acq: 04 Aug 2025 16:07

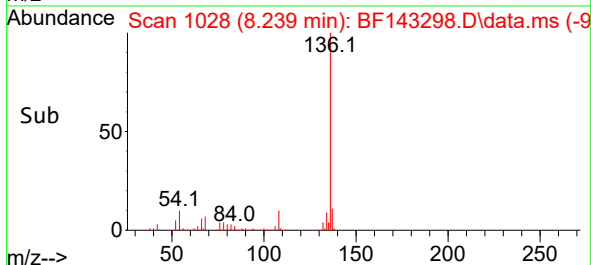
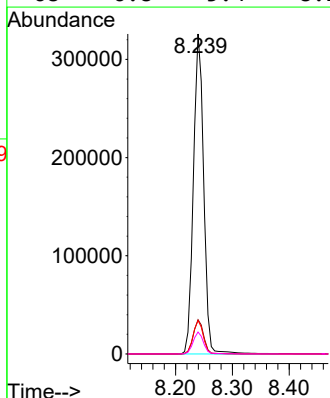
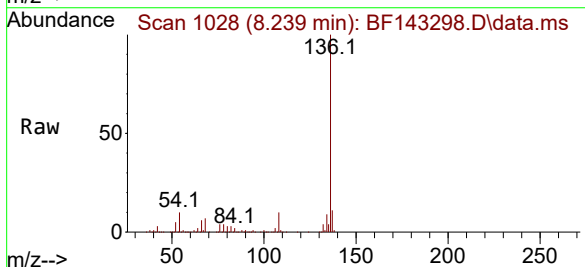
Instrument :
BNA_F
ClientSampleId :
VNJ-253

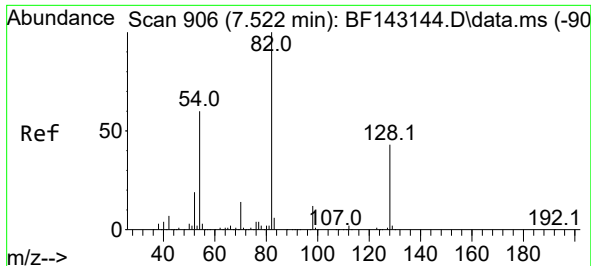
Tgt Ion:	99	Resp:	941067
Ion	Ratio	Lower	Upper
99	100		
42	20.9	17.0	25.6
71	33.1	27.7	41.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.239 min Scan# 1028
Delta R.T. -0.006 min
Lab File: BF143298.D
Acq: 04 Aug 2025 16:07

Tgt Ion:	136	Resp:	412474
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.6	13.0
54	10.4	8.2	12.2
68	6.8	5.4	8.2





#23

Nitrobenzene-d5

Concen: 83.107 ng

RT: 7.516 min Scan# 906

Delta R.T. -0.006 min

Lab File: BF143298.D

Acq: 04 Aug 2025 16:07

Instrument :

BNA_F

ClientSampleId :

VNJ-253

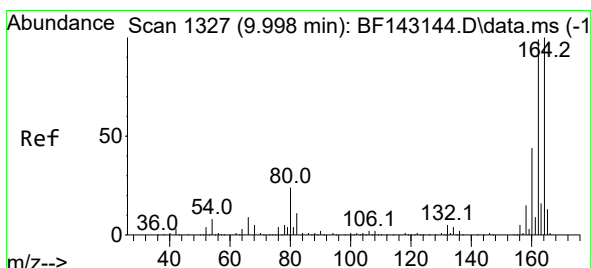
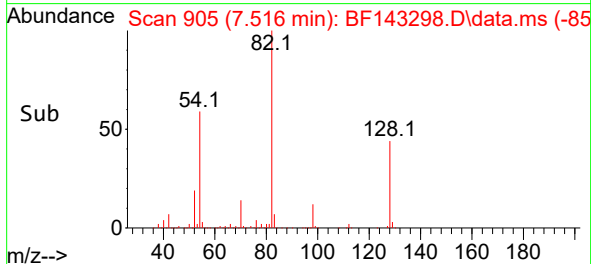
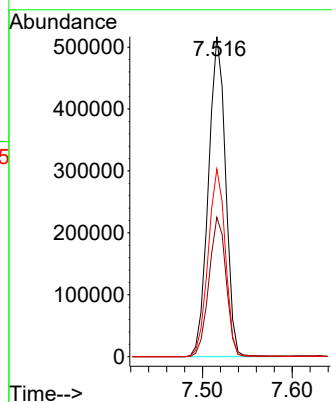
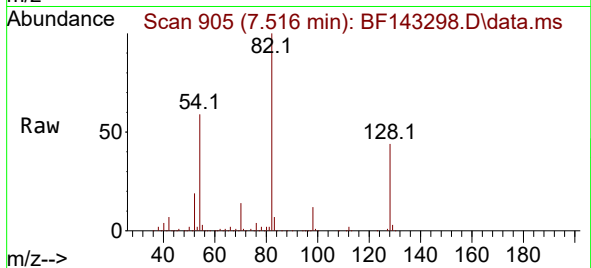
Tgt Ion: 82 Resp: 687691

Ion Ratio Lower Upper

82 100

128 43.6 33.6 50.4

54 58.7 47.1 70.7



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.998 min Scan# 1327

Delta R.T. 0.000 min

Lab File: BF143298.D

Acq: 04 Aug 2025 16:07

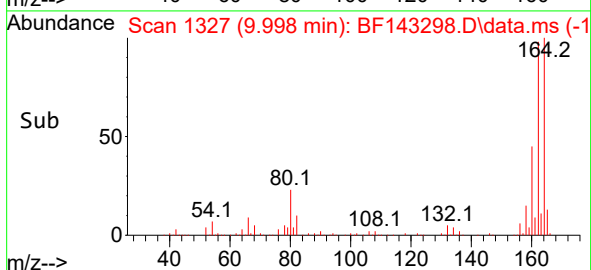
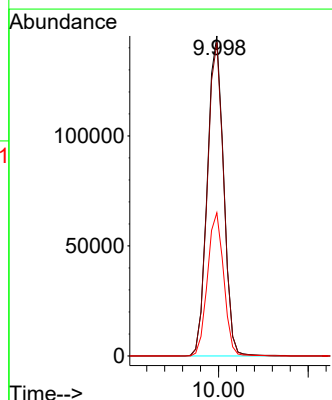
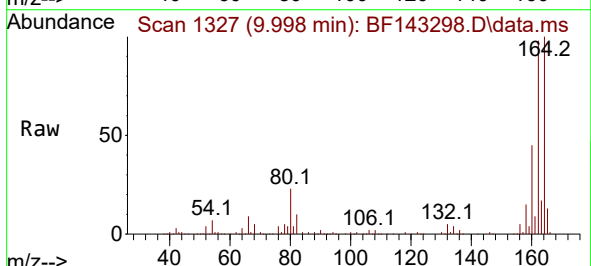
Tgt Ion: 164 Resp: 182647

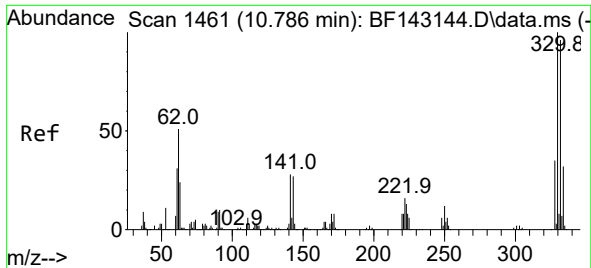
Ion Ratio Lower Upper

164 100

162 97.9 79.0 118.6

160 44.7 35.1 52.7

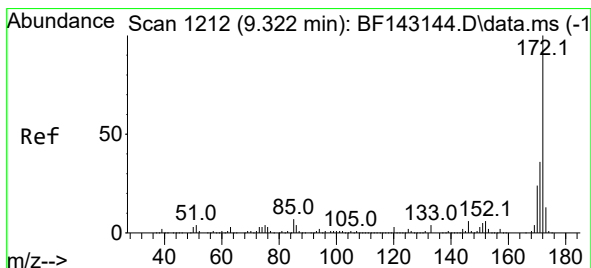
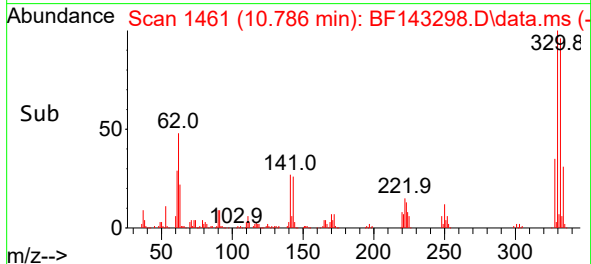
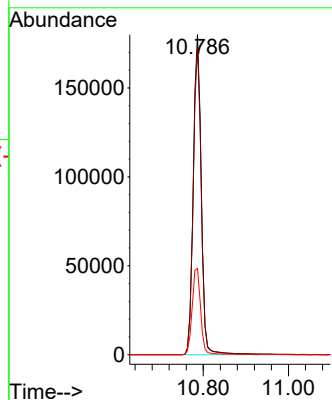
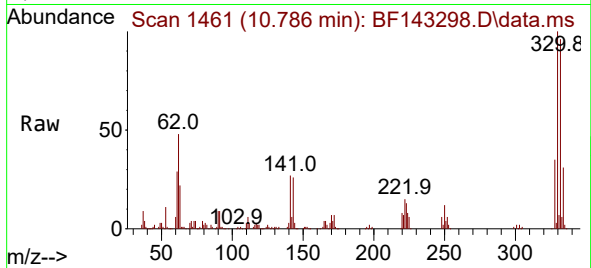




#42
2,4,6-Tribromophenol
Concen: 124.292 ng
RT: 10.786 min Scan# 1461
Delta R.T. 0.000 min
Lab File: BF143298.D
Acq: 04 Aug 2025 16:07

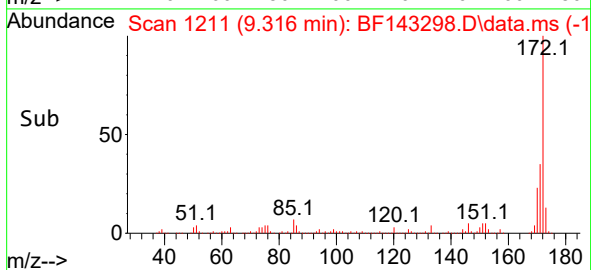
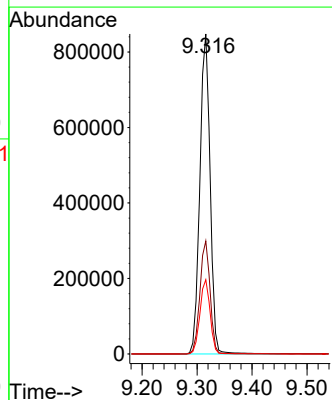
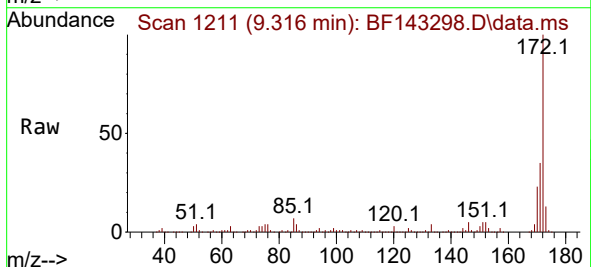
Instrument :
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VNJ-253

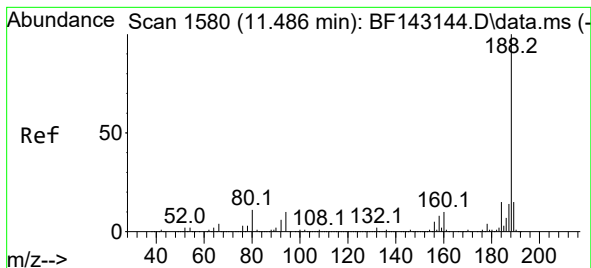
Tgt Ion:330 Resp: 234520
Ion Ratio Lower Upper
330 100
332 96.4 76.7 115.1
141 28.7 23.3 34.9



#45
2-Fluorobiphenyl
Concen: 82.489 ng
RT: 9.316 min Scan# 1211
Delta R.T. -0.006 min
Lab File: BF143298.D
Acq: 04 Aug 2025 16:07

Tgt Ion:172 Resp: 1101646
Ion Ratio Lower Upper
172 100
171 35.3 28.6 42.8
170 23.2 18.8 28.2





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.486 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF143298.D

Acq: 04 Aug 2025 16:07

Instrument :

BNA_F

ClientSampleId :

VNJ-253

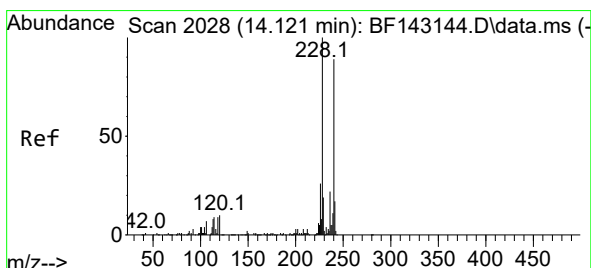
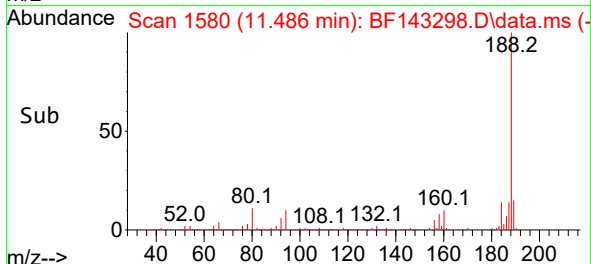
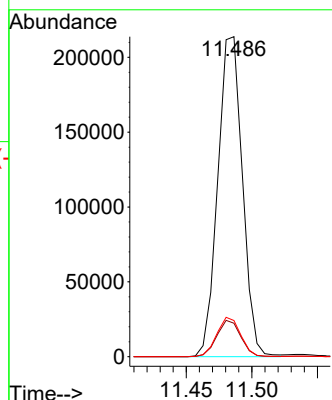
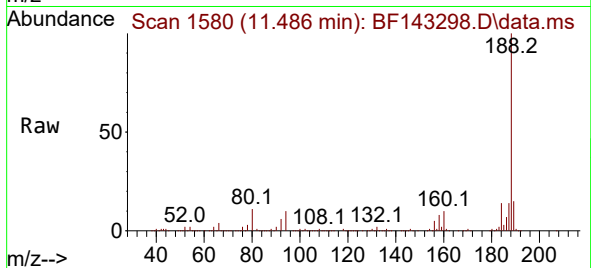
Tgt Ion:188 Resp: 279056

Ion Ratio Lower Upper

188 100

94 10.5 8.3 12.5

80 11.3 9.0 13.6



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.127 min Scan# 2029

Delta R.T. 0.006 min

Lab File: BF143298.D

Acq: 04 Aug 2025 16:07

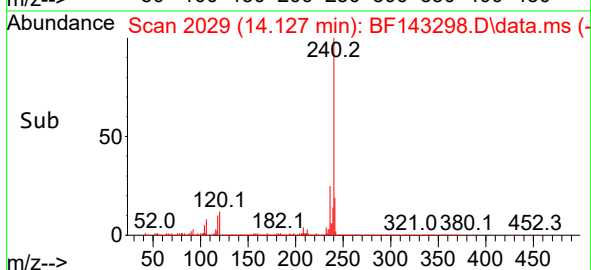
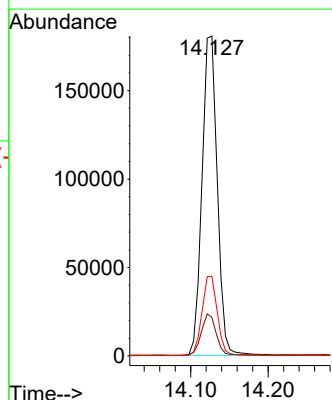
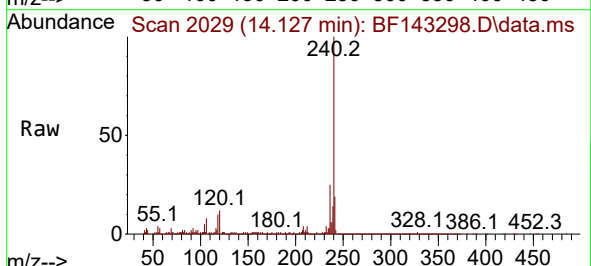
Tgt Ion:240 Resp: 247746

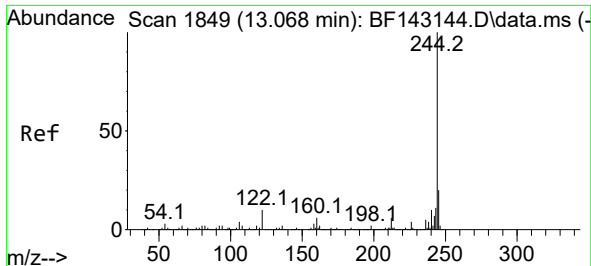
Ion Ratio Lower Upper

240 100

120 12.1 9.4 14.2

236 24.9 20.2 30.4

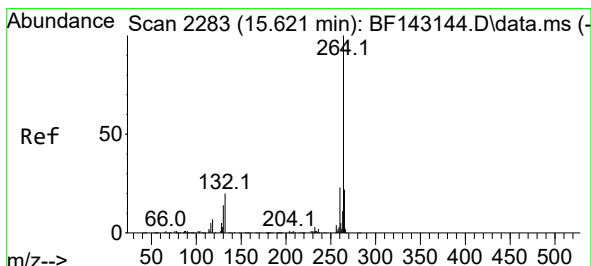
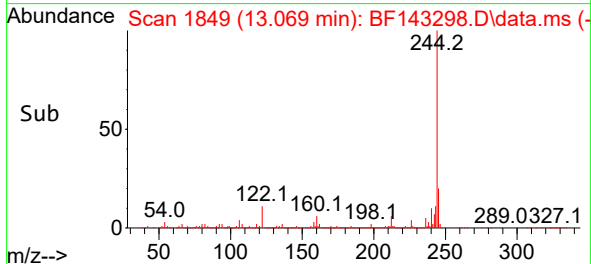
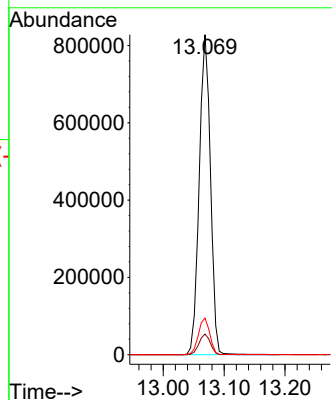
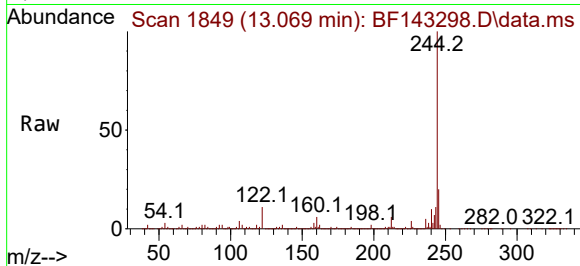




#79
 Terphenyl-d14
 Concen: 63.520 ng
 RT: 13.069 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF143298.D
 Acq: 04 Aug 2025 16:07

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-253

Tgt Ion:244 Resp: 1057506
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.2 7.8
 122 11.5 8.2 12.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.633 min Scan# 2285
 Delta R.T. 0.012 min
 Lab File: BF143298.D
 Acq: 04 Aug 2025 16:07

Tgt Ion:264 Resp: 213159
 Ion Ratio Lower Upper
 264 100
 260 22.3 18.5 27.7
 265 21.5 17.4 26.2

