

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020325\
 Data File : BF141385.D
 Acq On : 03 Feb 2025 22:37
 Operator : RC/JU
 Sample : Q1269-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-231

Quant Time: Feb 04 00:20:26 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012925.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 29 17:41:25 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.793	152	88314	20.000	ng	-0.01
21) Naphthalene-d8	8.075	136	349023	20.000	ng	#-0.01
39) Acenaphthene-d10	9.828	164	188998	20.000	ng	-0.01
64) Phenanthrene-d10	11.316	188	322533	20.000	ng	-0.01
76) Chrysene-d12	13.957	240	217132	20.000	ng	#-0.02
86) Perylene-d12	15.404	264	160897	20.000	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	779909	135.575	ng	0.02
7) Phenol-d6	6.440	99	945557	129.209	ng	0.00
23) Nitrobenzene-d5	7.357	82	684470	103.382	ng	-0.01
42) 2,4,6-Tribromophenol	10.622	330	294981	170.246	ng	-0.01
45) 2-Fluorobiphenyl	9.151	172	1255769	102.269	ng	-0.01
79) Terphenyl-d14	12.910	244	1426983	101.352	ng	0.00

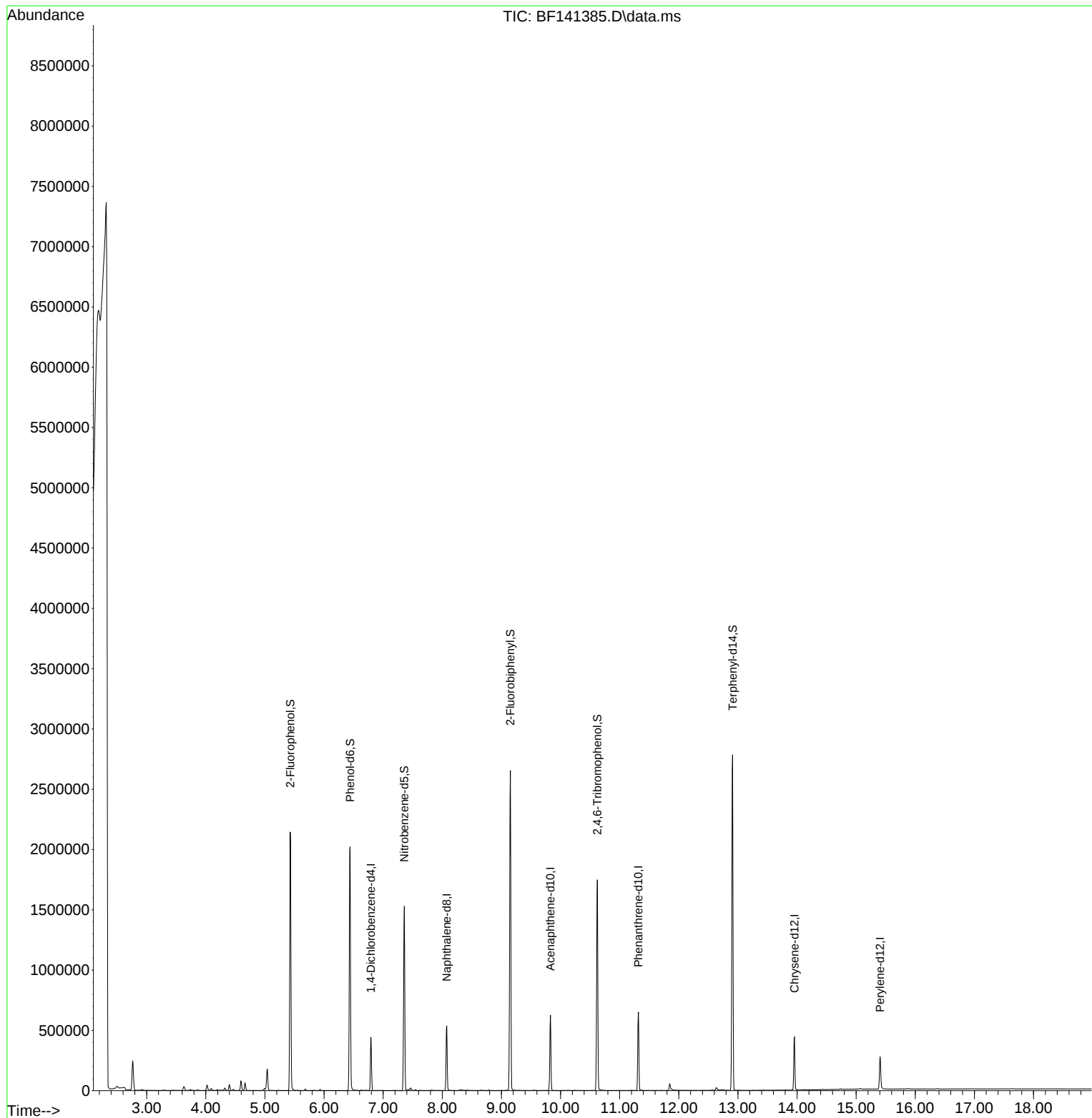
Target Compounds	Qvalue

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

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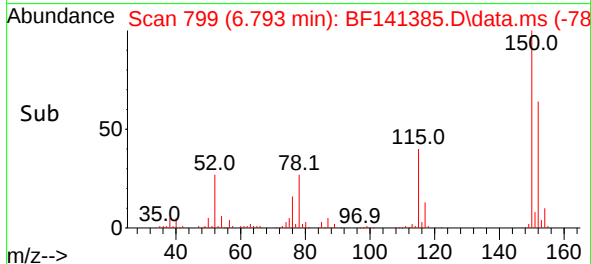
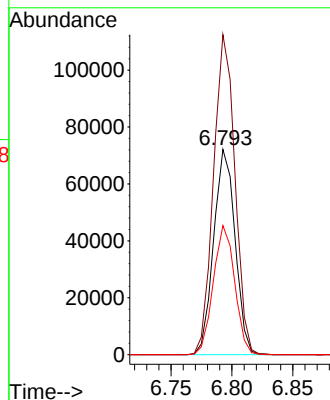
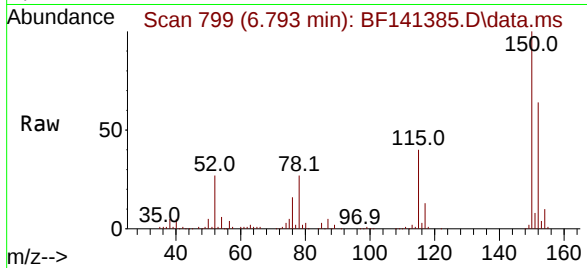




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.793 min Scan# 79
Delta R.T. -0.011 min
Lab File: BF141385.D
Acq: 03 Feb 2025 22:37

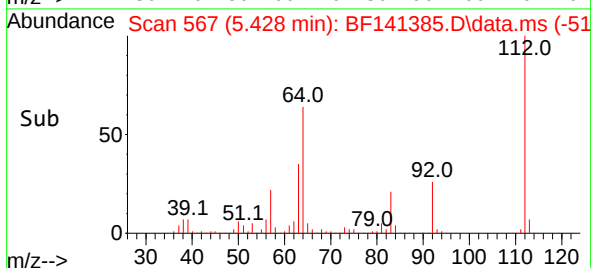
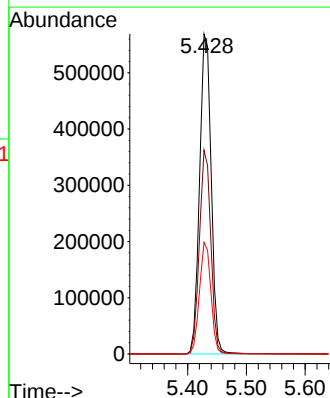
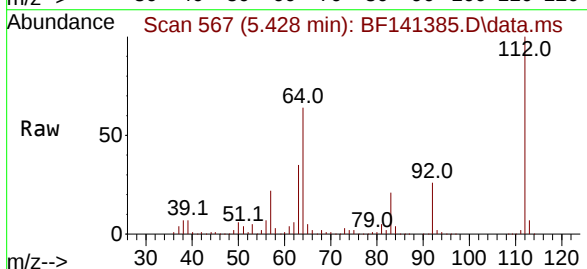
Instrument :
BNA_F
ClientSampleId :
VNJ-231

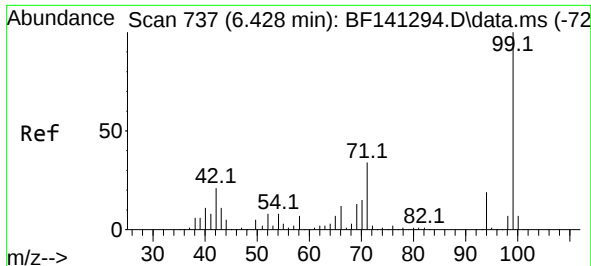
Tgt Ion:152 Resp: 88314
Ion Ratio Lower Upper
152 100
150 155.9 125.9 188.9
115 62.9 49.7 74.5



#5
2-Fluorophenol
Concen: 135.575 ng
RT: 5.428 min Scan# 567
Delta R.T. 0.018 min
Lab File: BF141385.D
Acq: 03 Feb 2025 22:37

Tgt Ion:112 Resp: 779909
Ion Ratio Lower Upper
112 100
64 63.6 49.8 74.8
63 34.8 26.1 39.1

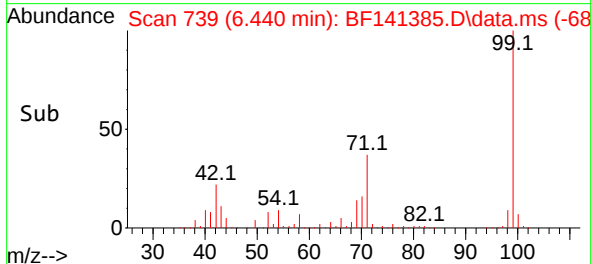
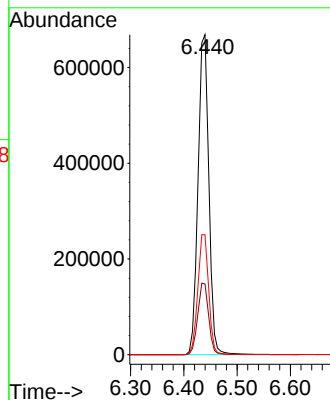
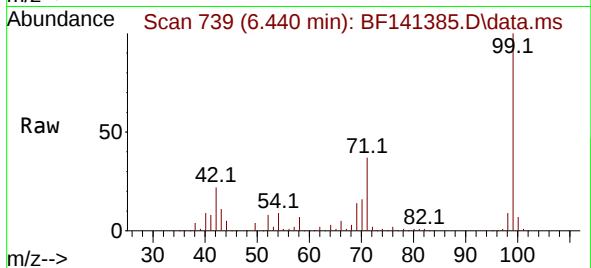




#7
Phenol-d6
Concen: 129.209 ng
RT: 6.440 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF141385.D
Acq: 03 Feb 2025 22:37

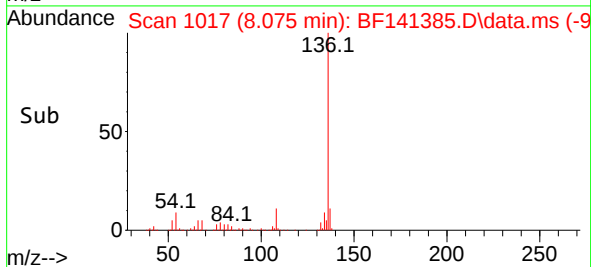
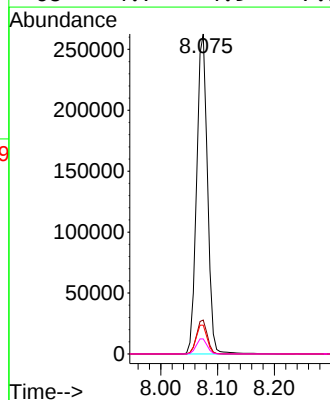
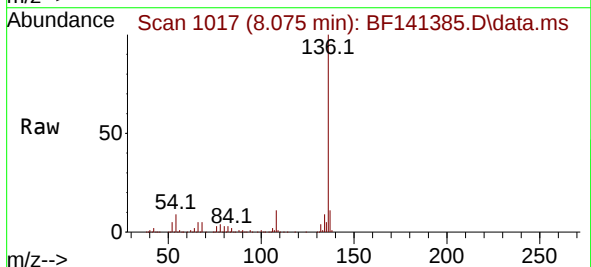
Instrument :
BNA_F
ClientSampleId :
VNJ-231

Tgt Ion: 99 Resp: 945557
Ion Ratio Lower Upper
99 100
42 22.1 17.1 25.7
71 37.5 26.9 40.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.075 min Scan# 1017
Delta R.T. -0.012 min
Lab File: BF141385.D
Acq: 03 Feb 2025 22:37

Tgt Ion: 136 Resp: 349023
Ion Ratio Lower Upper
136 100
137 10.6 8.6 13.0
54 9.0 7.8 11.8
68 4.7 4.9 7.3#





#23

Nitrobenzene-d5

Concen: 103.382 ng

RT: 7.357 min Scan# 89

Delta R.T. -0.012 min

Lab File: BF141385.D

Acq: 03 Feb 2025 22:37

Instrument :

BNA_F

ClientSampleId :

VNJ-231

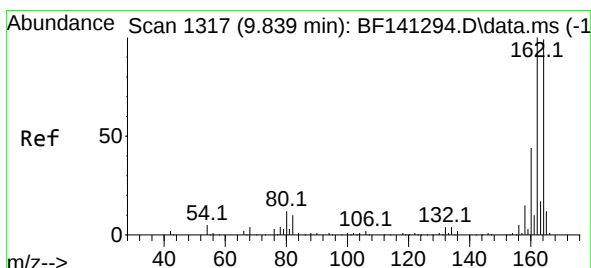
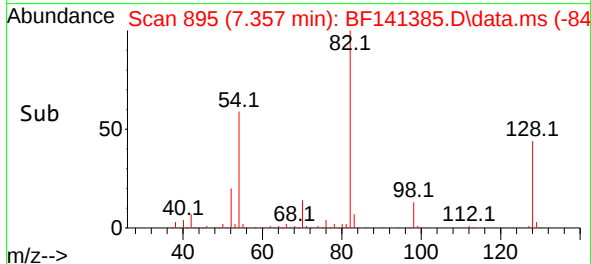
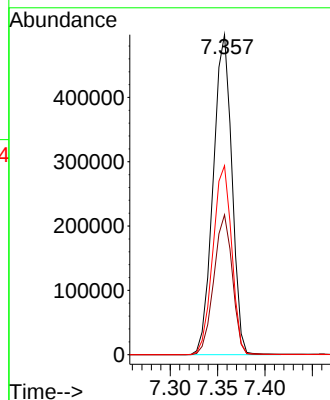
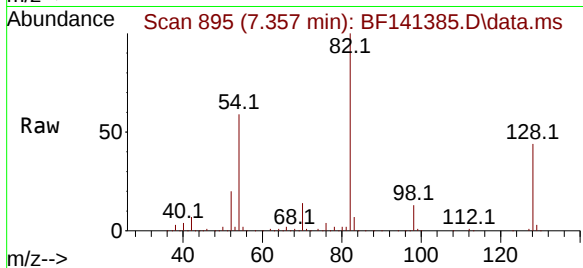
Tgt Ion: 82 Resp: 684470

Ion Ratio Lower Upper

82 100

128 43.7 35.7 53.5

54 59.0 47.1 70.7



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.828 min Scan# 1315

Delta R.T. -0.012 min

Lab File: BF141385.D

Acq: 03 Feb 2025 22:37

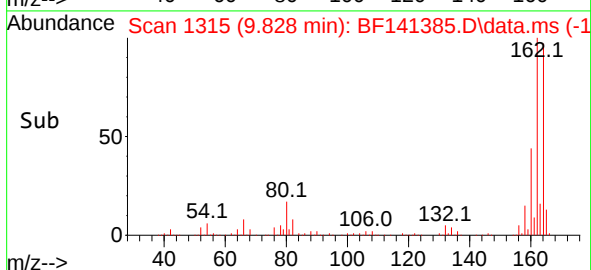
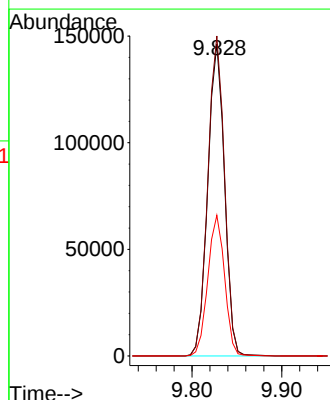
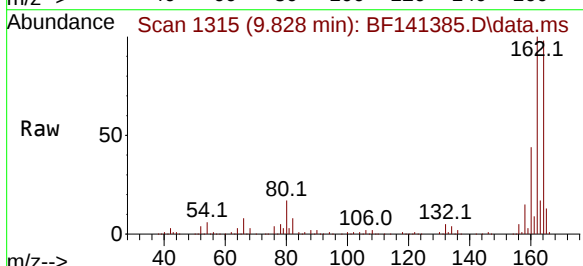
Tgt Ion:164 Resp: 188998

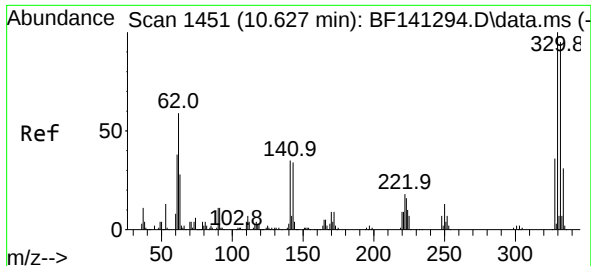
Ion Ratio Lower Upper

164 100

162 102.5 80.6 121.0

160 45.1 35.8 53.6

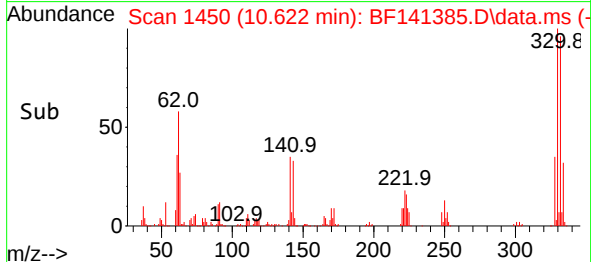
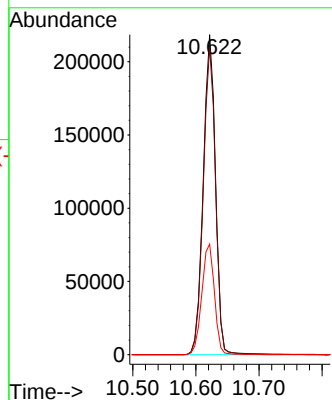
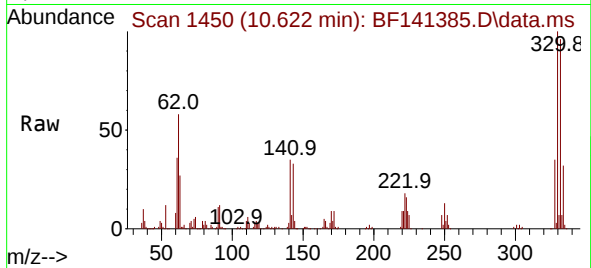




#42
2,4,6-Tribromophenol
Concen: 170.246 ng
RT: 10.622 min Scan# 1451
Delta R.T. -0.012 min
Lab File: BF141385.D
Acq: 03 Feb 2025 22:37

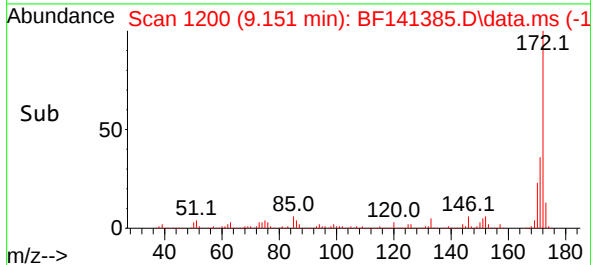
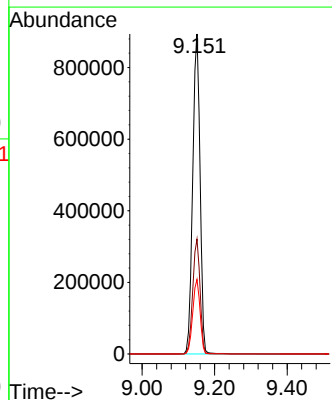
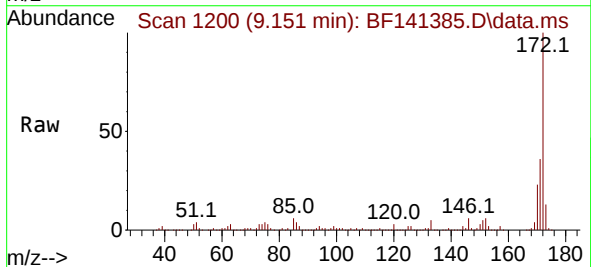
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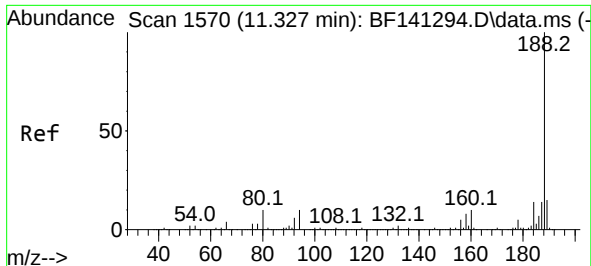
Tgt Ion:330 Resp: 294981
Ion Ratio Lower Upper
330 100
332 96.1 76.1 114.1
141 35.7 28.8 43.2



#45
2-Fluorobiphenyl
Concen: 102.269 ng
RT: 9.151 min Scan# 1200
Delta R.T. -0.012 min
Lab File: BF141385.D
Acq: 03 Feb 2025 22:37

Tgt Ion:172 Resp: 1255769
Ion Ratio Lower Upper
172 100
171 35.9 28.8 43.2
170 23.3 19.0 28.6

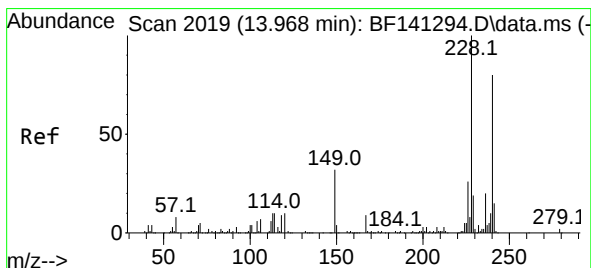
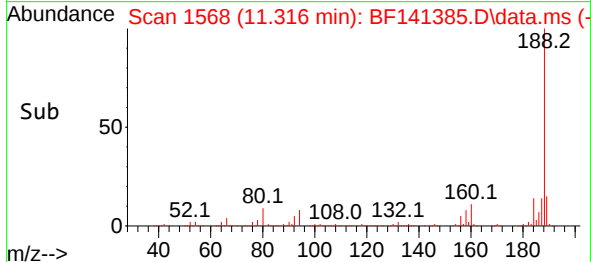
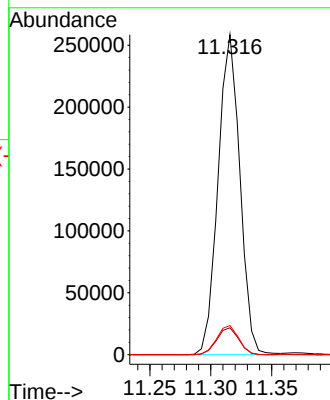
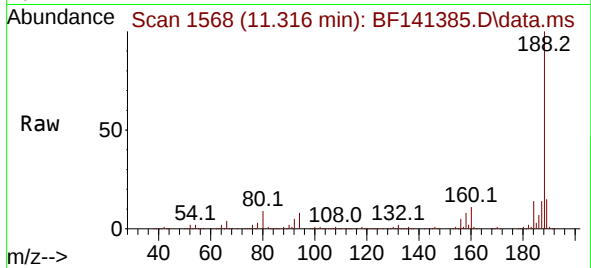




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.316 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF141385.D
Acq: 03 Feb 2025 22:37

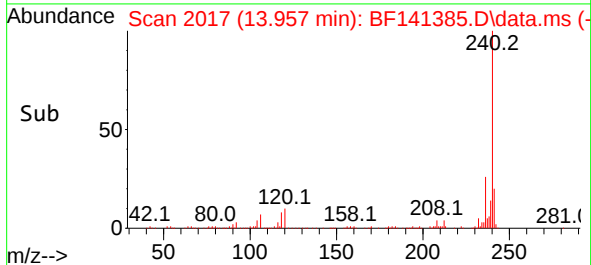
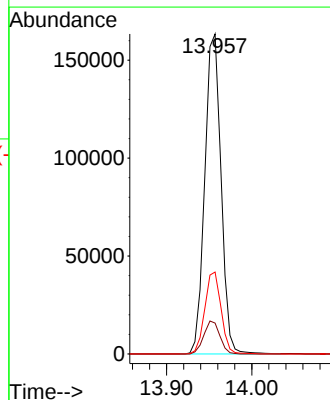
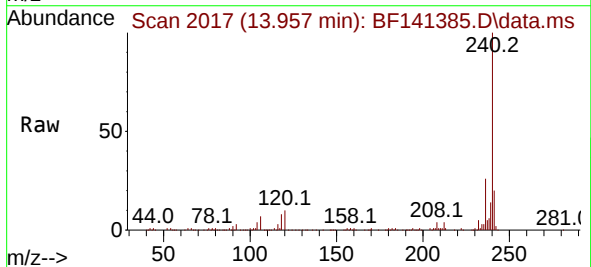
Instrument :
BNA_F
ClientSampleId :
VNJ-231

Tgt Ion:188 Resp: 322533
Ion Ratio Lower Upper
188 100
94 8.4 7.8 11.6
80 9.1 8.2 12.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.957 min Scan# 2017
Delta R.T. -0.018 min
Lab File: BF141385.D
Acq: 03 Feb 2025 22:37

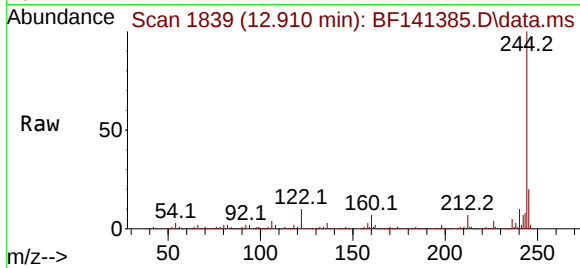
Tgt Ion:240 Resp: 217132
Ion Ratio Lower Upper
240 100
120 9.7 10.0 15.0#
236 25.6 19.7 29.5



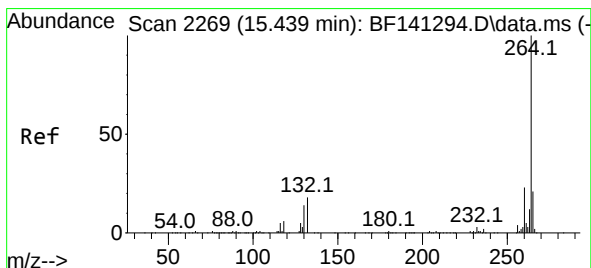
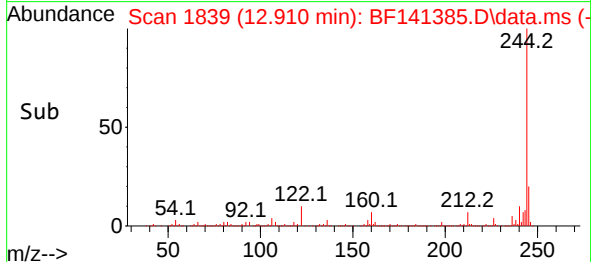
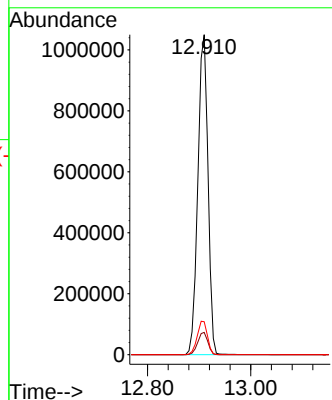


#79
Terphenyl-d14
Concen: 101.352 ng
RT: 12.910 min Scan# 1839
Delta R.T. -0.006 min
Lab File: BF141385.D
Acq: 03 Feb 2025 22:37

Instrument :
BNA_F
ClientSampleId :
VNJ-231



Tgt Ion:244 Resp: 1426983
Ion Ratio Lower Upper
244 100
212 7.0 5.4 8.0
122 10.3 8.8 13.2



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.404 min Scan# 2263
Delta R.T. -0.035 min
Lab File: BF141385.D
Acq: 03 Feb 2025 22:37

Tgt Ion:264 Resp: 160897
Ion Ratio Lower Upper
264 100
260 22.8 18.6 27.8
265 21.3 16.7 25.1

