

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022724\
 Data File : BF137418.D
 Acq On : 27 Feb 2024 21:40
 Operator : CG\JU
 Sample : P1585-02
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-232

Quant Time: Feb 28 05:25:57 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Feb 24 04:23:49 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.787	152	206405	20.000	ng	-0.02
21) Naphthalene-d8	8.063	136	815455	20.000	ng	-0.02
39) Acenaphthene-d10	9.816	164	444679	20.000	ng	-0.02
64) Phenanthrene-d10	11.310	188	684307	20.000	ng	-0.02
76) Chrysene-d12	13.963	240	395831	20.000	ng	-0.02
86) Perylene-d12	15.451	264	410314	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	1846618	138.048	ng	0.01
7) Phenol-d6	6.428	99	2363927	120.135	ng	-0.01
23) Nitrobenzene-d5	7.345	82	1688945	103.402	ng	-0.02
42) 2,4,6-Tribromophenol	10.616	330	515802	133.204	ng	-0.01
45) 2-Fluorobiphenyl	9.145	172	2622401	91.812	ng	-0.01
79) Terphenyl-d14	12.910	244	2321082	82.016	ng	-0.02

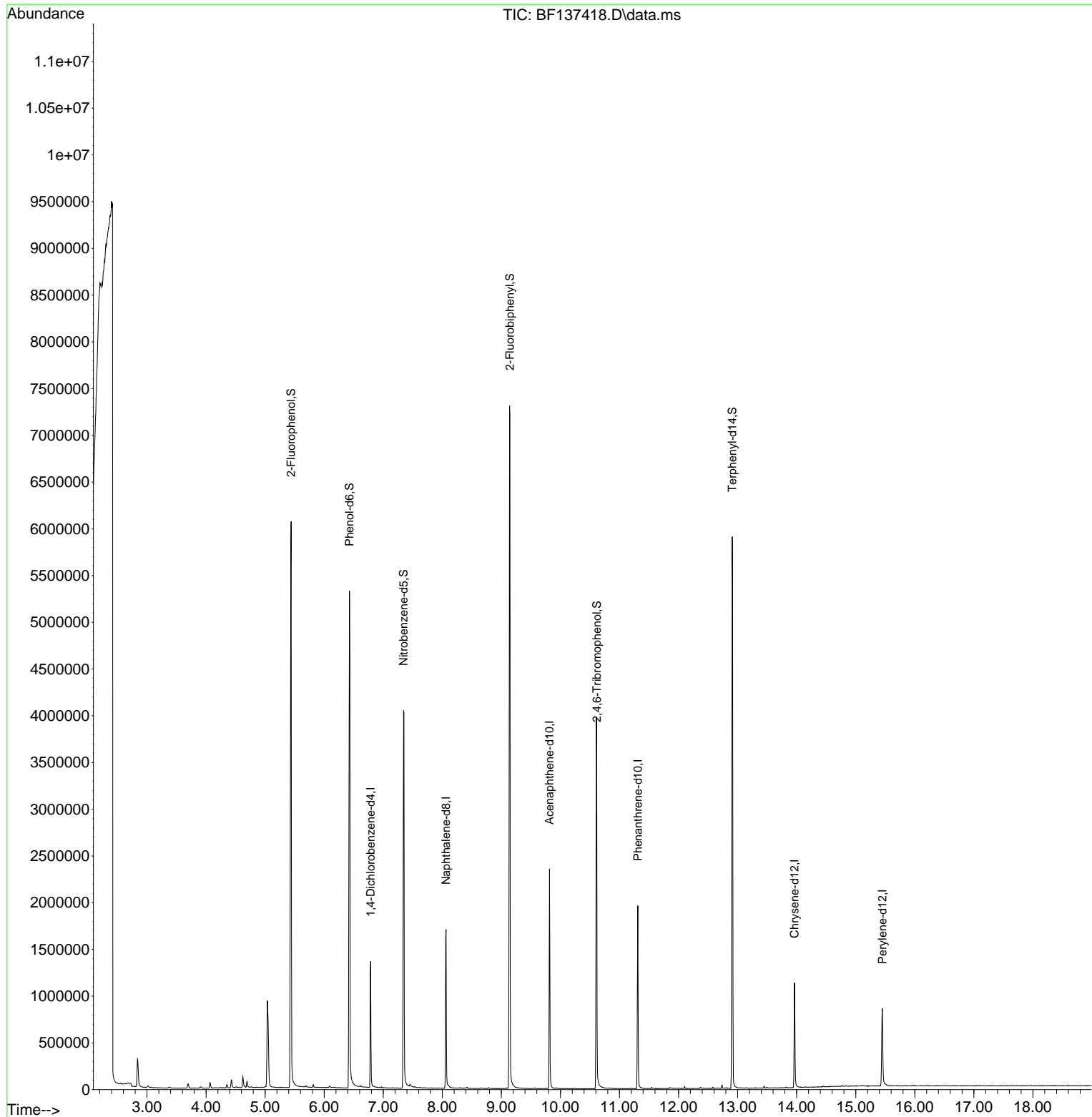
Target Compounds Qvalue

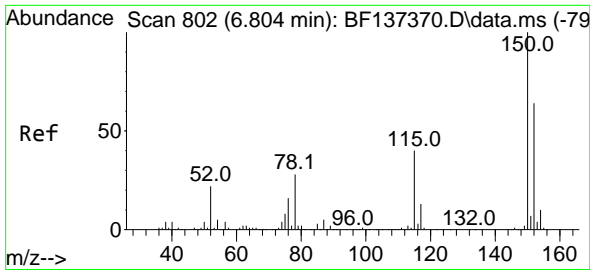
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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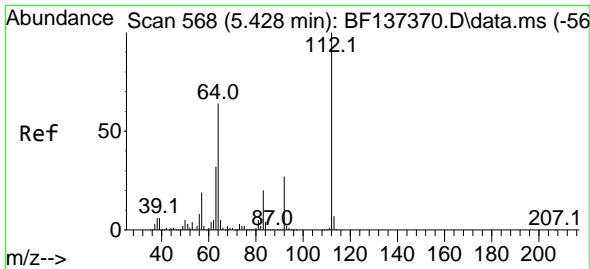
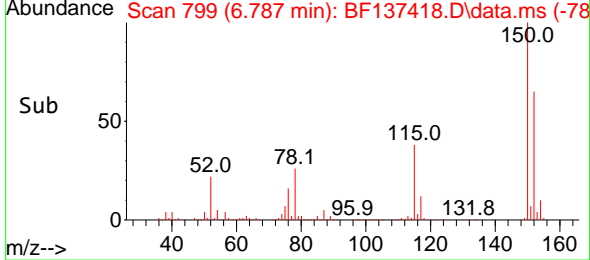
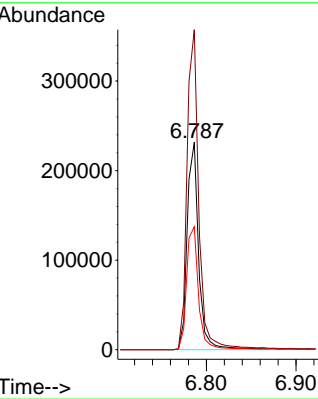
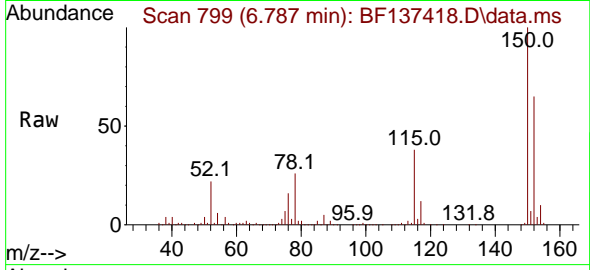




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.787 min Scan# 79
 Delta R.T. -0.017 min
 Lab File: BF137418.D
 Acq: 27 Feb 2024 21:40

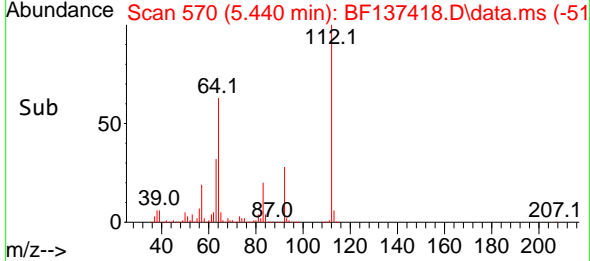
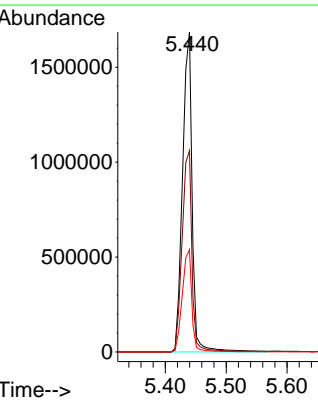
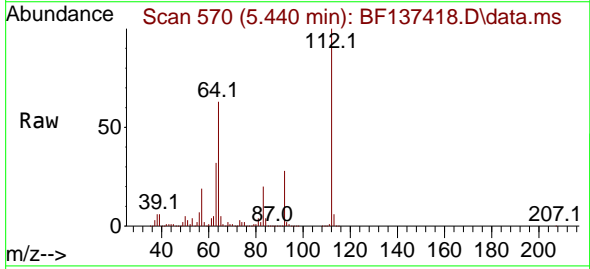
Instrument :
 BNA_F
 ClientSampleId :
 VNJ-232

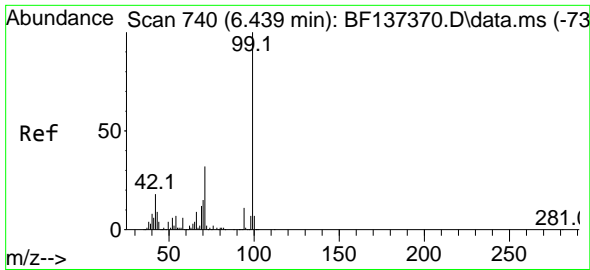
Tgt Ion:152 Resp: 206405
 Ion Ratio Lower Upper
 152 100
 150 154.3 125.7 188.5
 115 59.3 49.8 74.8



#5
 2-Fluorophenol
 Concen: 138.048 ng
 RT: 5.440 min Scan# 570
 Delta R.T. 0.012 min
 Lab File: BF137418.D
 Acq: 27 Feb 2024 21:40

Tgt Ion:112 Resp: 1846618
 Ion Ratio Lower Upper
 112 100
 64 62.9 51.0 76.6
 63 32.0 25.7 38.5



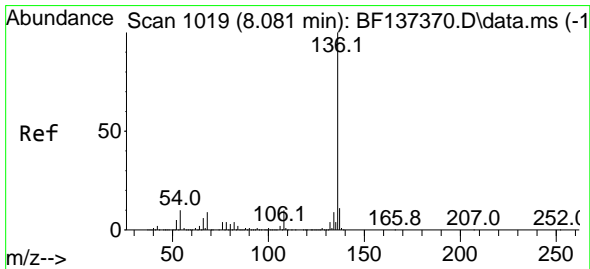
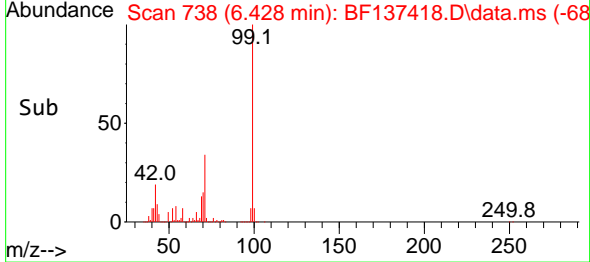
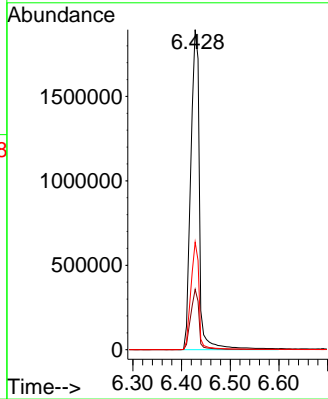
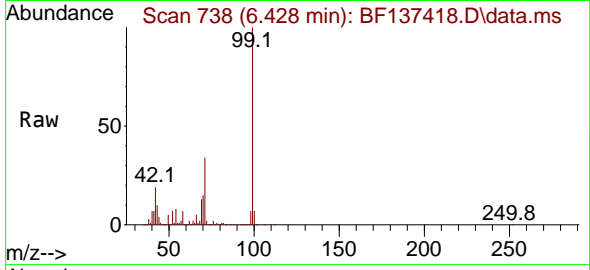


#7
 Phenol-d6
 Concen: 120.135 ng
 RT: 6.428 min Scan# 71
 Delta R.T. -0.012 min
 Lab File: BF137418.D
 Acq: 27 Feb 2024 21:40

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-232

Tgt Ion: 99 Resp: 2363927

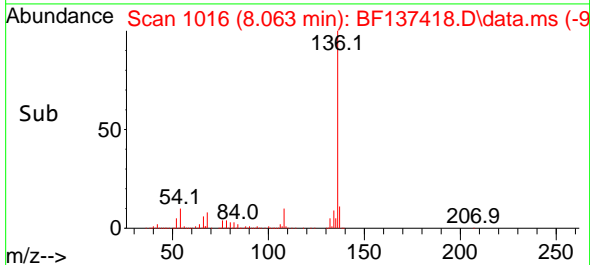
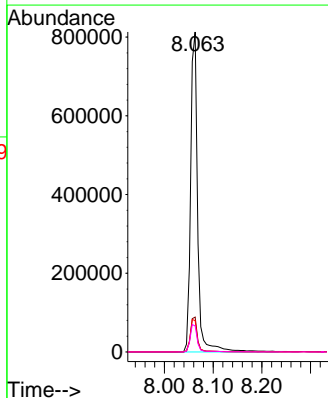
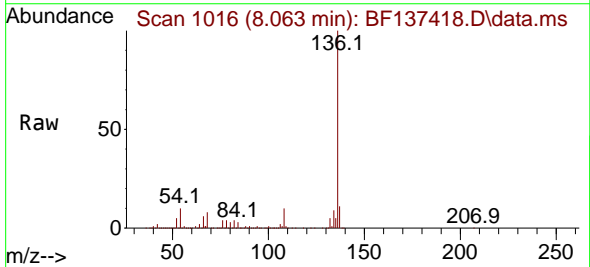
Ion	Ratio	Lower	Upper
99	100		
42	18.8	14.2	21.4
71	33.6	25.2	37.8

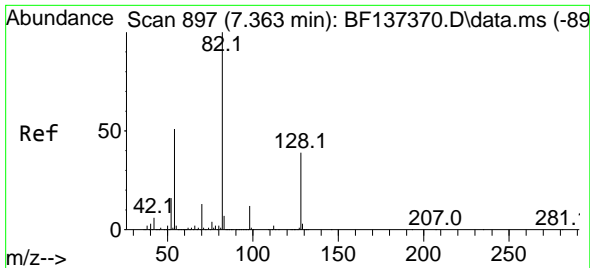


#21
 Naphthalene-d8
 Concen: 20.000 ng
 RT: 8.063 min Scan# 1016
 Delta R.T. -0.018 min
 Lab File: BF137418.D
 Acq: 27 Feb 2024 21:40

Tgt Ion: 136 Resp: 815455

Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.0	13.4
54	9.8	7.8	11.6
68	8.2	7.0	10.4

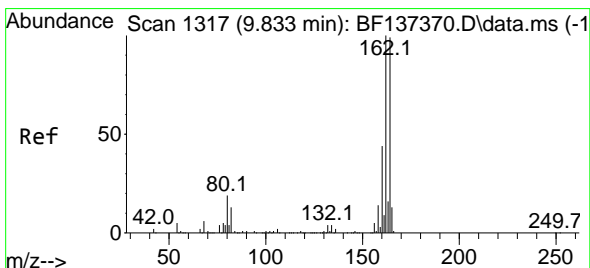
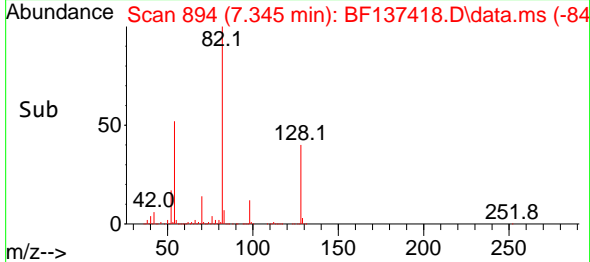
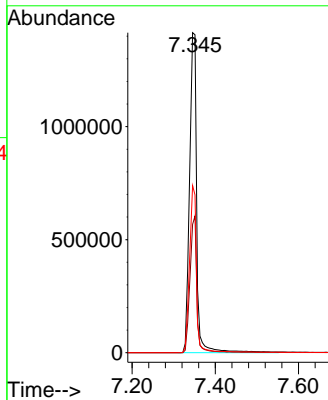
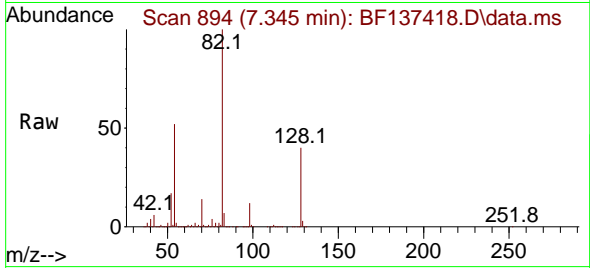




#23
 Nitrobenzene-d5
 Concen: 103.402 ng
 RT: 7.345 min Scan# 89
 Delta R.T. -0.018 min
 Lab File: BF137418.D
 Acq: 27 Feb 2024 21:40

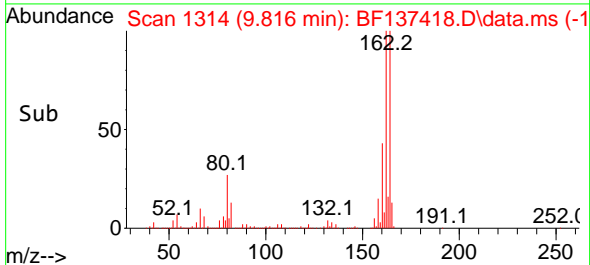
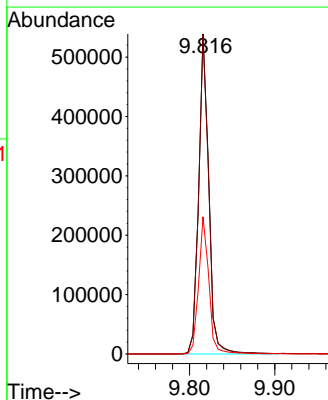
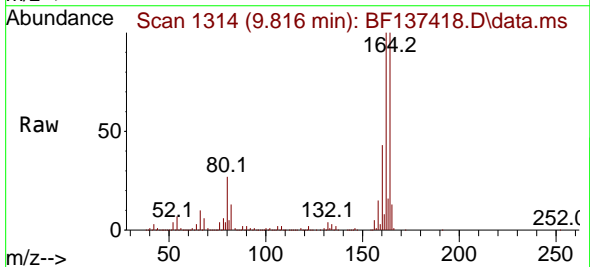
Instrument :
 BNA_F
 ClientSampleId :
 VNJ-232

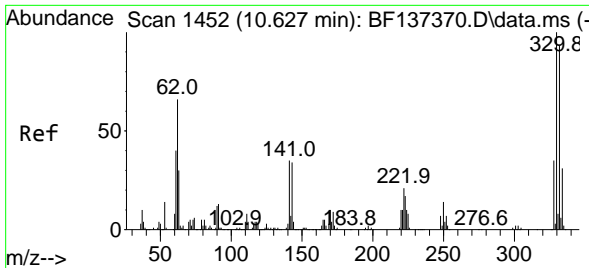
Tgt Ion: 82 Resp: 1688945
 Ion Ratio Lower Upper
 82 100
 128 40.1 30.8 46.2
 54 52.2 40.8 61.2



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.816 min Scan# 1314
 Delta R.T. -0.018 min
 Lab File: BF137418.D
 Acq: 27 Feb 2024 21:40

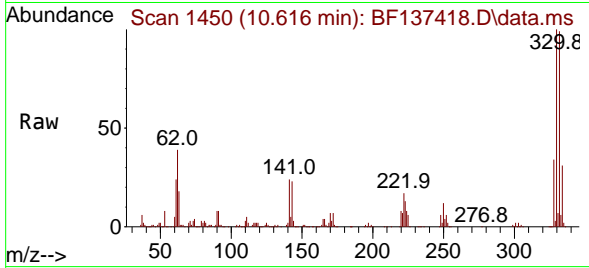
Tgt Ion:164 Resp: 444679
 Ion Ratio Lower Upper
 164 100
 162 99.8 81.2 121.8
 160 42.9 35.7 53.5



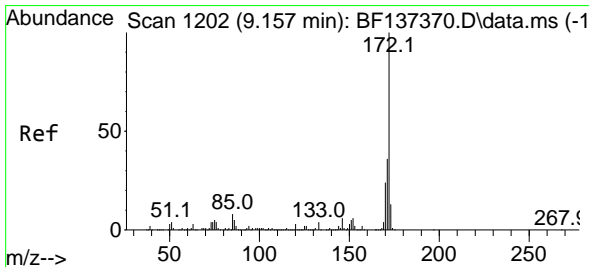
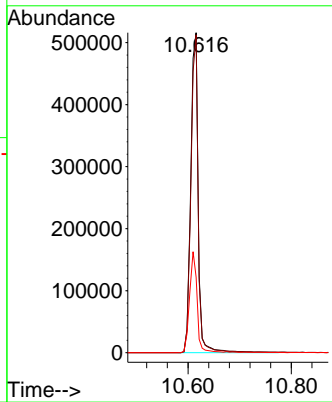
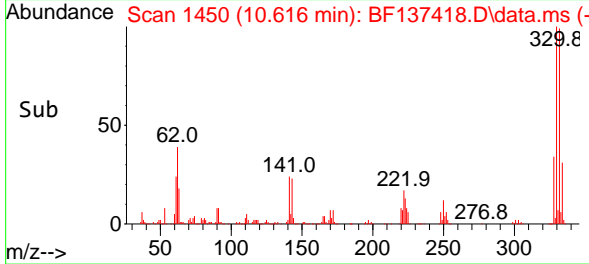


#42
 2,4,6-Tribromophenol
 Concen: 133.204 ng
 RT: 10.616 min Scan# 14
 Delta R.T. -0.012 min
 Lab File: BF137418.D
 Acq: 27 Feb 2024 21:40

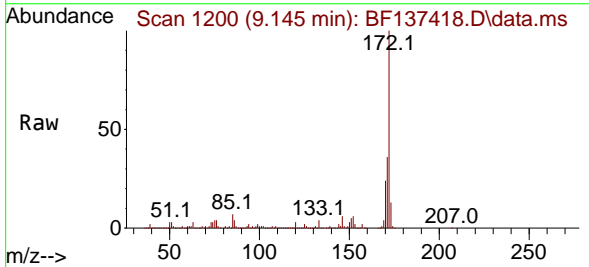
Instrument :
 BNA_F
 ClientSampleId :
 VNJ-232



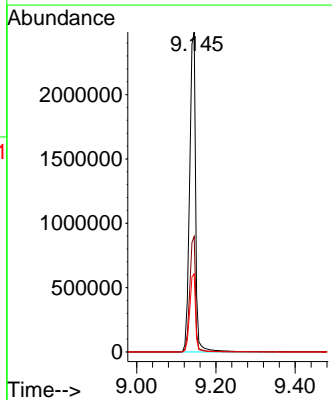
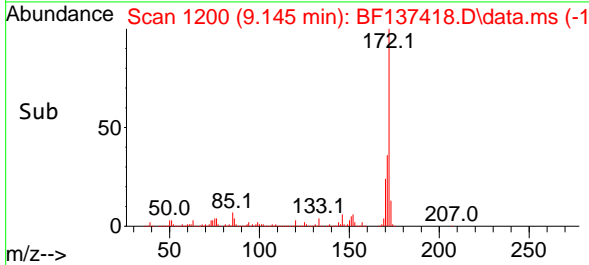
Tgt Ion:330 Resp: 515802
 Ion Ratio Lower Upper
 330 100
 332 96.3 75.6 113.4
 141 31.7 28.6 42.8

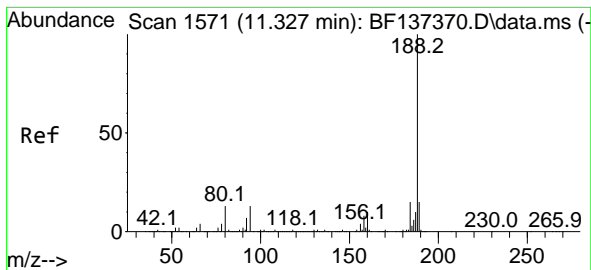


#45
 2-Fluorobiphenyl
 Concen: 91.812 ng
 RT: 9.145 min Scan# 1200
 Delta R.T. -0.012 min
 Lab File: BF137418.D
 Acq: 27 Feb 2024 21:40



Tgt Ion:172 Resp: 2622401
 Ion Ratio Lower Upper
 172 100
 171 36.1 28.7 43.1
 170 24.4 19.5 29.3

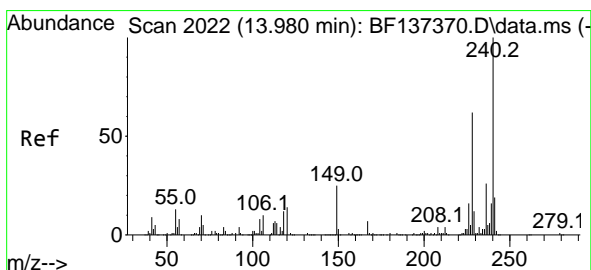
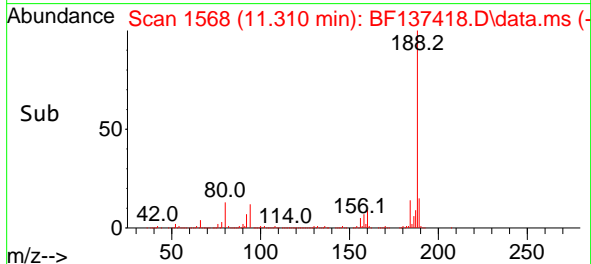
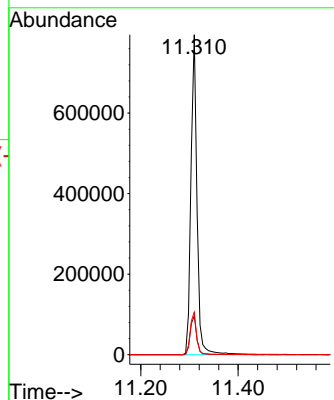
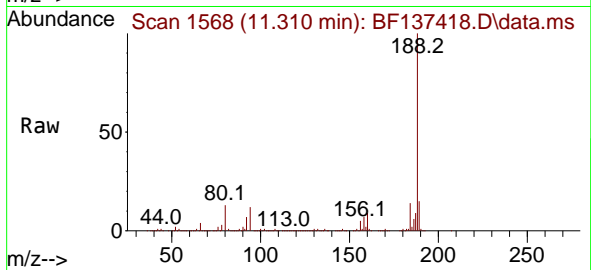




#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.310 min Scan# 11
 Delta R.T. -0.018 min
 Lab File: BF137418.D
 Acq: 27 Feb 2024 21:40

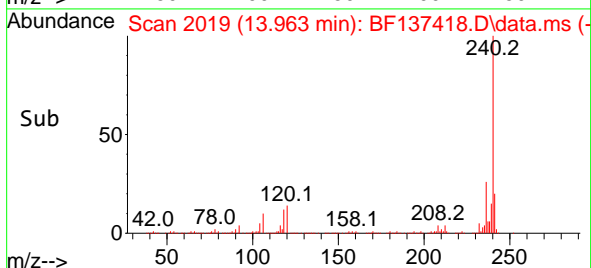
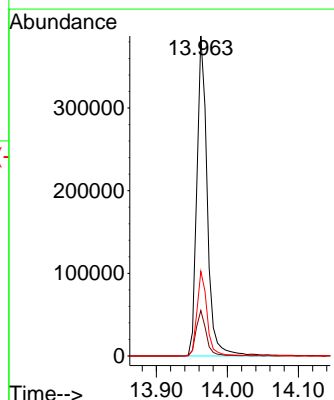
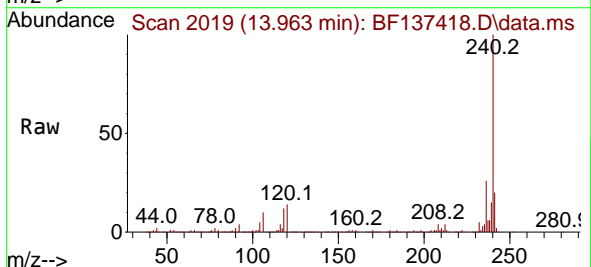
Instrument :
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 ClientSampleId :
 VNJ-232

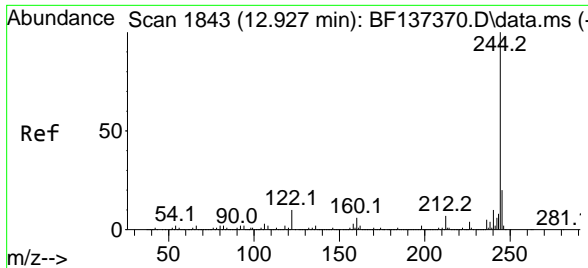
Tgt Ion:188 Resp: 684307
 Ion Ratio Lower Upper
 188 100
 94 12.1 10.2 15.2
 80 13.3 10.7 16.1



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.963 min Scan# 2019
 Delta R.T. -0.018 min
 Lab File: BF137418.D
 Acq: 27 Feb 2024 21:40

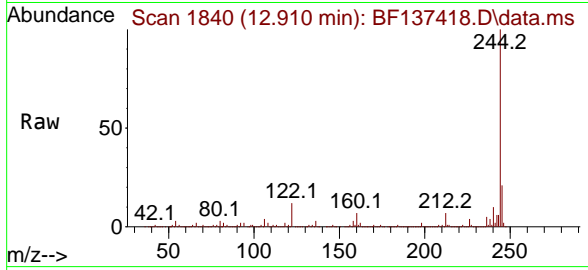
Tgt Ion:240 Resp: 395831
 Ion Ratio Lower Upper
 240 100
 120 14.2 11.3 16.9
 236 26.5 20.5 30.7





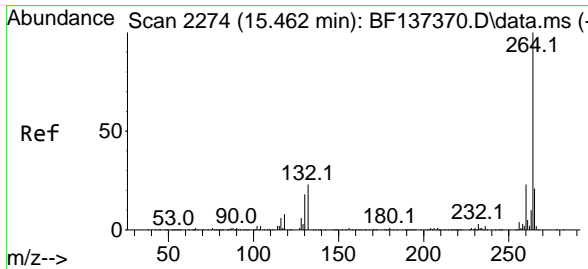
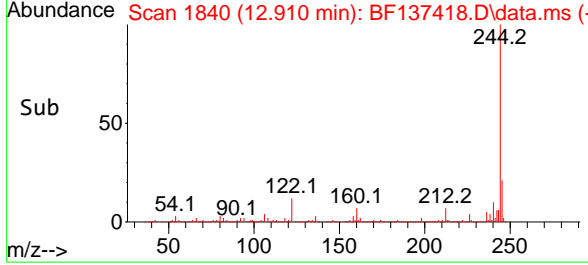
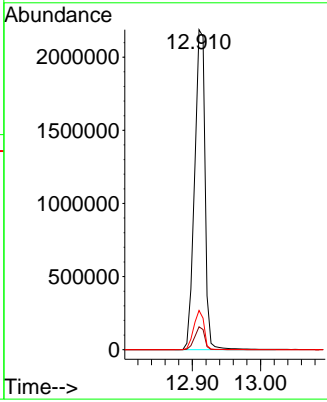
#79
 Terphenyl-d14
 Concen: 82.016 ng
 RT: 12.910 min Scan# 1840
 Delta R.T. -0.018 min
 Lab File: BF137418.D
 Acq: 27 Feb 2024 21:40

Instrument : BNA_F
 ClientSampleId : VNJ-232



Tgt Ion:244 Resp: 2321082

Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.3	7.9
122	12.2	8.2	12.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.451 min Scan# 2272
 Delta R.T. -0.012 min
 Lab File: BF137418.D
 Acq: 27 Feb 2024 21:40

Tgt Ion:264 Resp: 410314

Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.5	27.7
265	21.2	16.9	25.3

