

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021524\
 Data File : BP019724.D
 Acq On : 15 Feb 2024 15:46
 Operator : MA/JU
 Sample : P1483-03
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 VNJ-205

Quant Time: Feb 15 16:11:42 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP013124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 01 00:51:48 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.905	152	70017	20.000	ng	-0.01
21) Naphthalene-d8	10.704	136	254959	20.000	ng	-0.01
39) Acenaphthene-d10	14.540	164	170429	20.000	ng	-0.01
64) Phenanthrene-d10	17.298	188	429053	20.000	ng	0.00
76) Chrysene-d12	21.386	240	467595	20.000	ng	0.00
86) Perylene-d12	23.810	264	523001	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	345427	79.524	ng	-0.01
7) Phenol-d6	7.075	99	442088	75.482	ng	-0.01
23) Nitrobenzene-d5	9.069	82	306614	52.110	ng	-0.02
42) 2,4,6-Tribromophenol	16.034	330	269572	108.332	ng	0.00
45) 2-Fluorobiphenyl	13.163	172	665962	48.306	ng	-0.02
79) Terphenyl-d14	19.863	244	1415505	49.784	ng	0.00

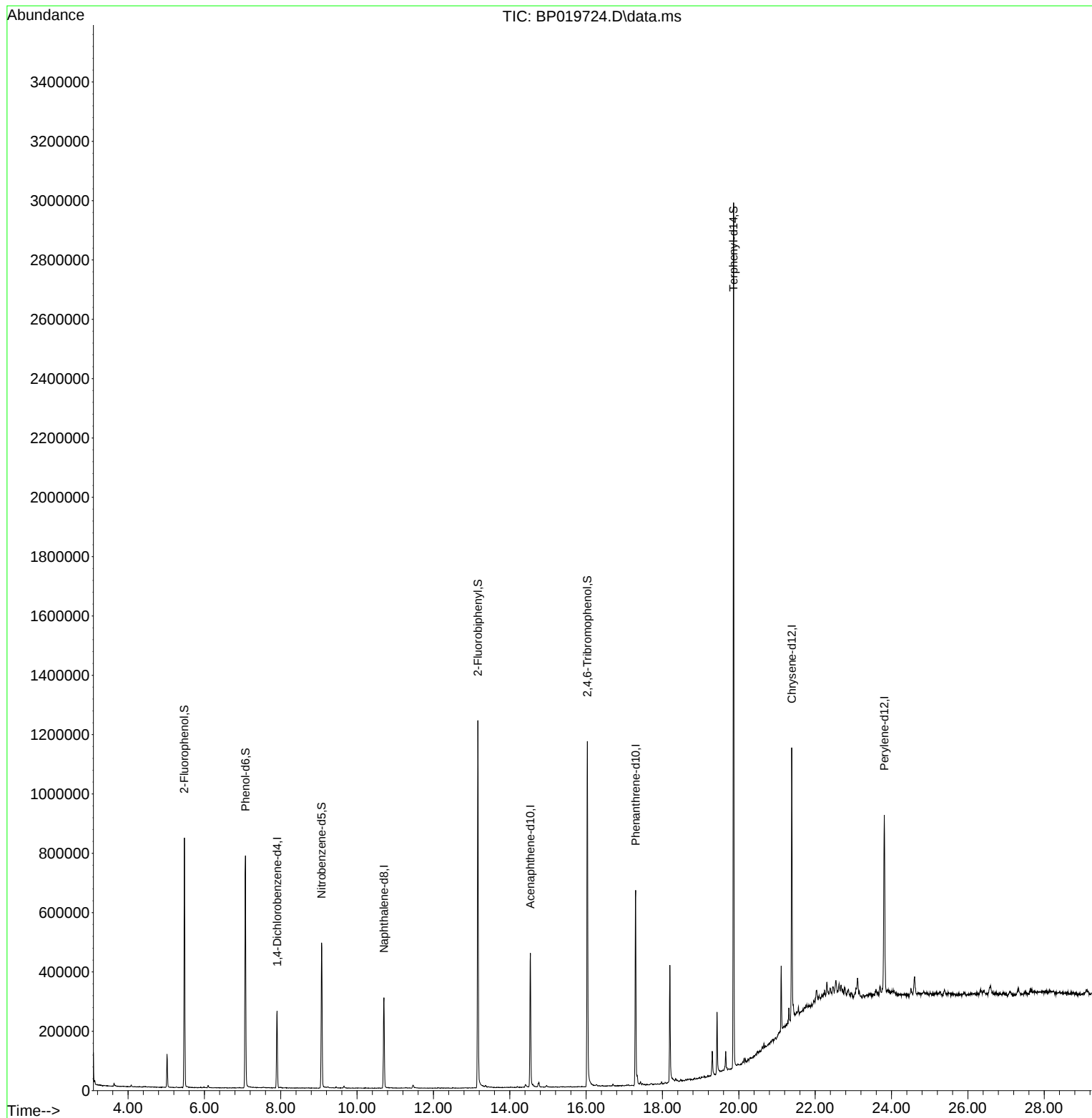
Target Compounds	Qvalue

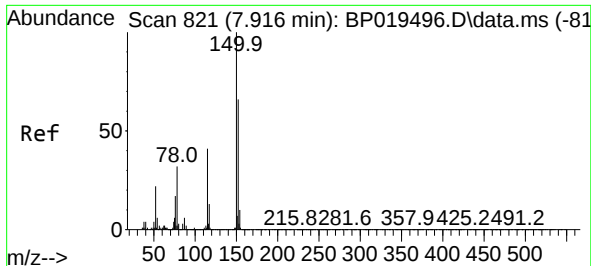
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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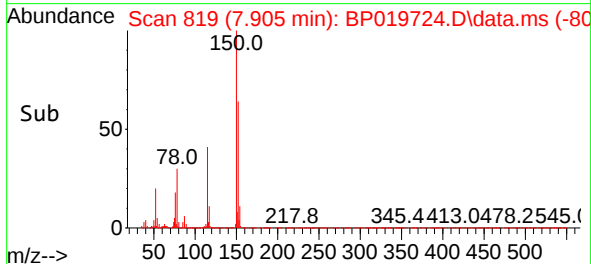
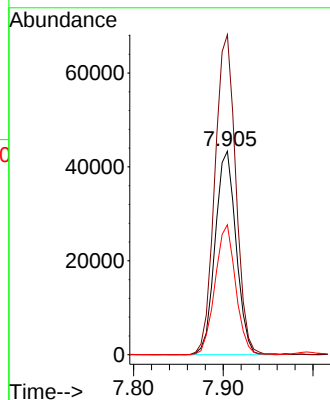
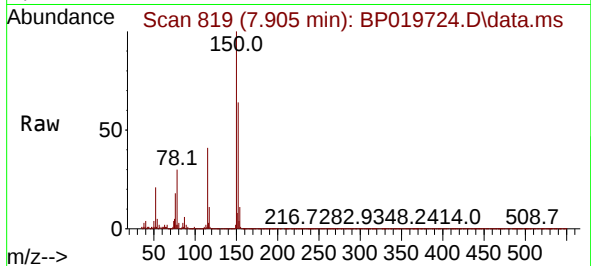




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.905 min Scan# 81
Delta R.T. -0.011 min
Lab File: BP019724.D
Acq: 15 Feb 2024 15:46

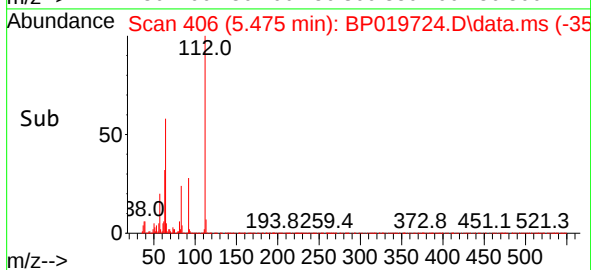
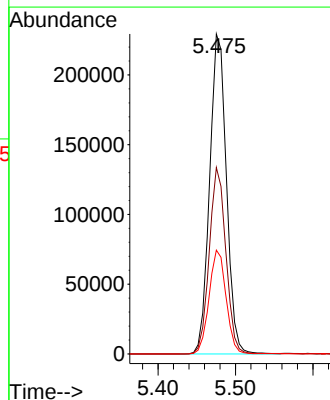
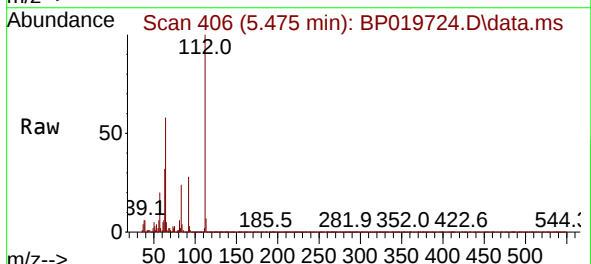
Instrument :
BNA_P
ClientSampleId :
VNJ-205

Tgt Ion:152 Resp: 70017
Ion Ratio Lower Upper
152 100
150 157.2 121.8 182.8
115 63.8 49.9 74.9



#5
2-Fluorophenol
Concen: 79.524 ng
RT: 5.475 min Scan# 406
Delta R.T. -0.011 min
Lab File: BP019724.D
Acq: 15 Feb 2024 15:46

Tgt Ion:112 Resp: 345427
Ion Ratio Lower Upper
112 100
64 58.3 47.4 71.0
63 32.5 27.0 40.6

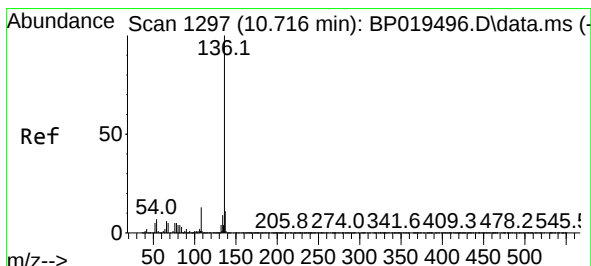
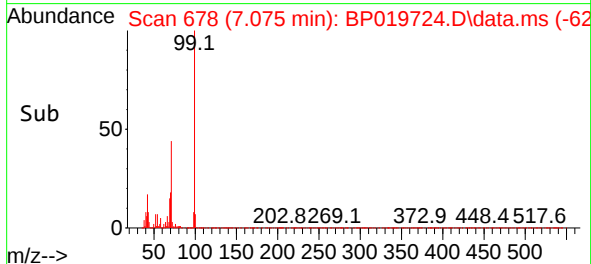
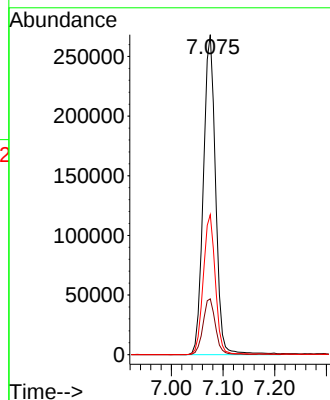
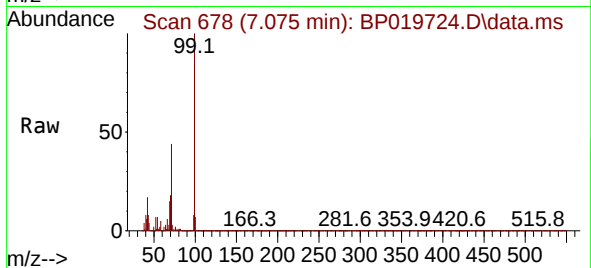




#7
Phenol-d6
Concen: 75.482 ng
RT: 7.075 min Scan# 61
Delta R.T. -0.011 min
Lab File: BP019724.D
Acq: 15 Feb 2024 15:46

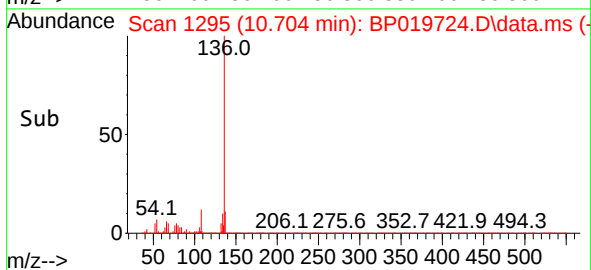
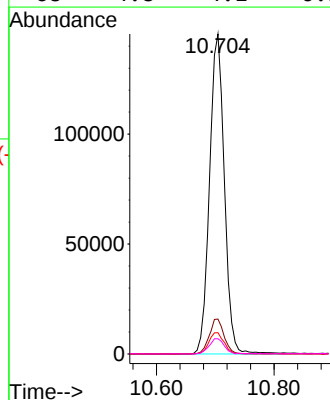
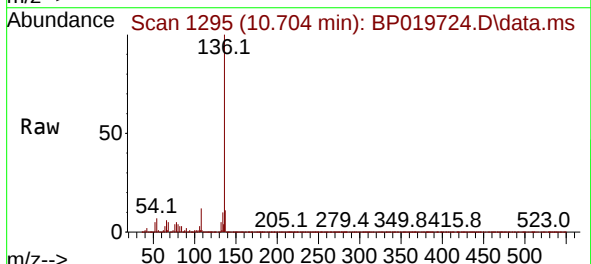
Instrument :
BNA_P
ClientSampleId :
VNJ-205

Tgt Ion: 99 Resp: 442088
Ion Ratio Lower Upper
99 100
42 17.4 14.7 22.1
71 43.7 34.8 52.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.704 min Scan# 1295
Delta R.T. -0.011 min
Lab File: BP019724.D
Acq: 15 Feb 2024 15:46

Tgt Ion: 136 Resp: 254959
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 6.6 5.3 7.9
68 4.8 4.1 6.1





#23

Nitrobenzene-d5

Concen: 52.110 ng

RT: 9.069 min Scan# 10

Delta R.T. -0.017 min

Lab File: BP019724.D

Acq: 15 Feb 2024 15:46

Instrument :

BNA_P

ClientSampleId :

VNJ-205

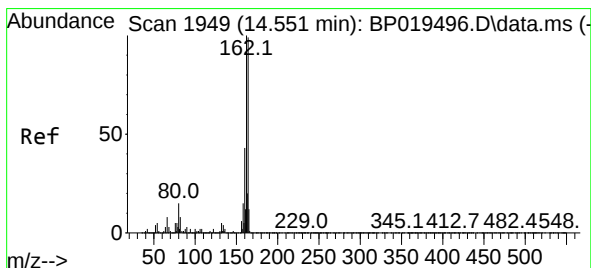
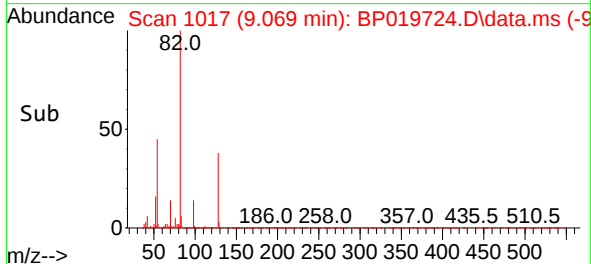
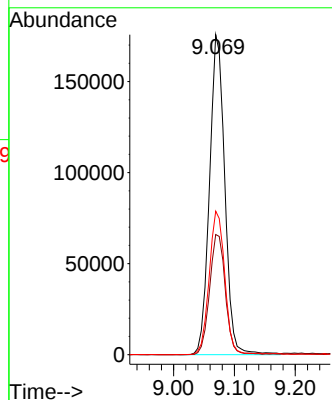
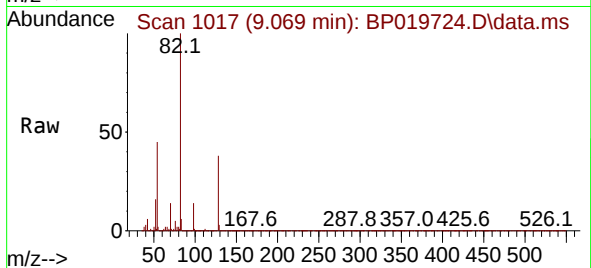
Tgt Ion: 82 Resp: 306614

Ion Ratio Lower Upper

82 100

128 37.6 29.7 44.5

54 44.8 36.8 55.2



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.540 min Scan# 1947

Delta R.T. -0.011 min

Lab File: BP019724.D

Acq: 15 Feb 2024 15:46

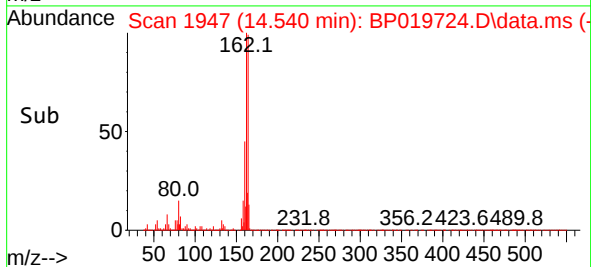
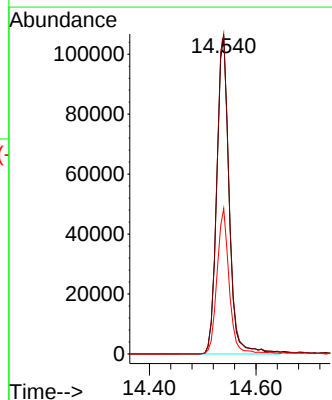
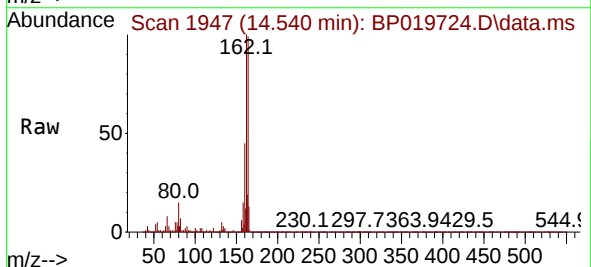
Tgt Ion:164 Resp: 170429

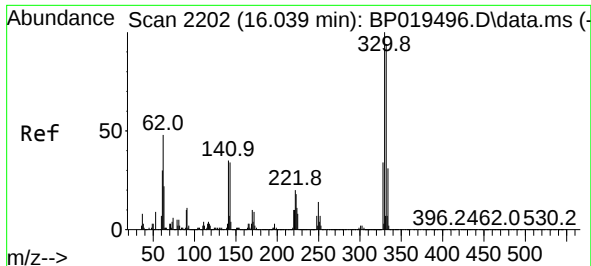
Ion Ratio Lower Upper

164 100

162 100.7 81.2 121.8

160 45.8 35.1 52.7

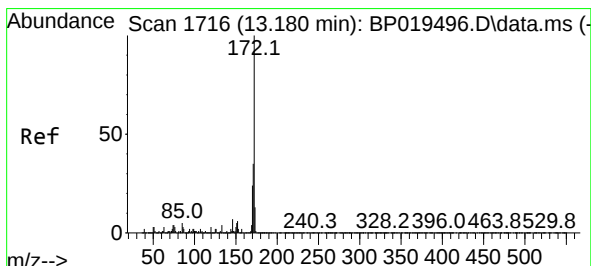
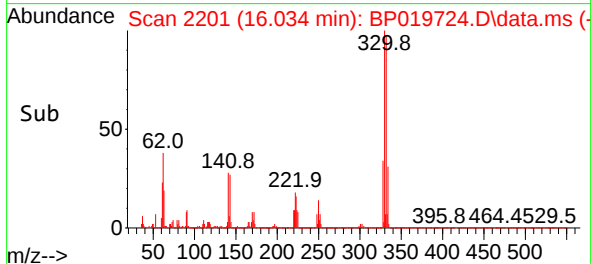
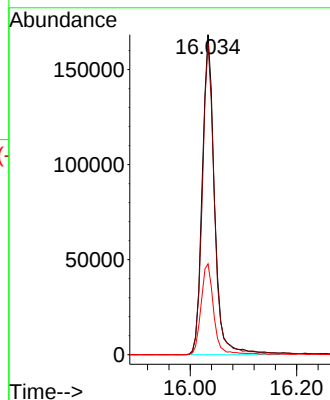
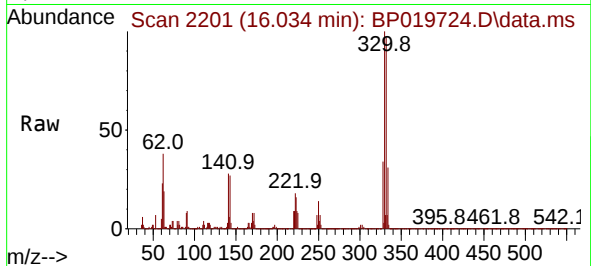




#42
2,4,6-Tribromophenol
Concen: 108.332 ng
RT: 16.034 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP019724.D
Acq: 15 Feb 2024 15:46

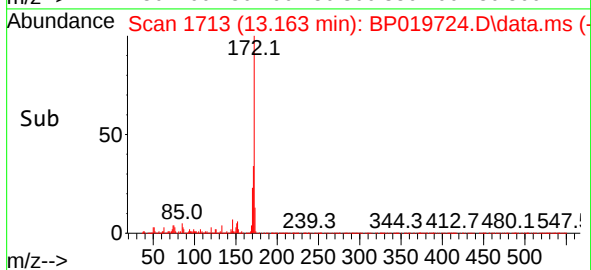
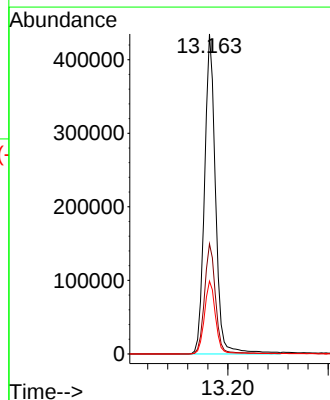
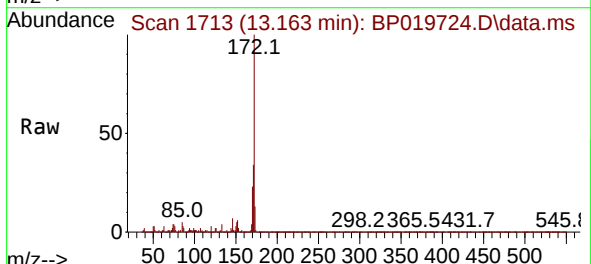
Instrument :
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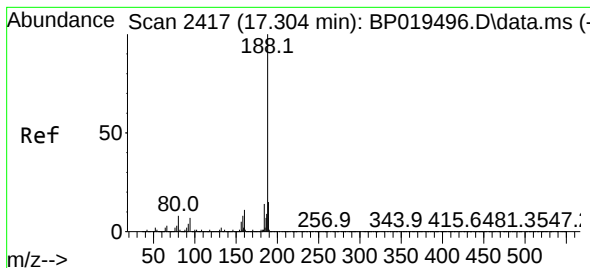
Tgt Ion:330 Resp: 269572
Ion Ratio Lower Upper
330 100
332 96.5 77.2 115.8
141 29.3 27.0 40.4



#45
2-Fluorobiphenyl
Concen: 48.306 ng
RT: 13.163 min Scan# 1713
Delta R.T. -0.017 min
Lab File: BP019724.D
Acq: 15 Feb 2024 15:46

Tgt Ion:172 Resp: 665962
Ion Ratio Lower Upper
172 100
171 34.4 28.2 42.4
170 22.8 18.9 28.3





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.298 min Scan# 2416

Delta R.T. -0.006 min

Lab File: BP019724.D

Acq: 15 Feb 2024 15:46

Instrument :

BNA_P

ClientSampleId :

VNJ-205

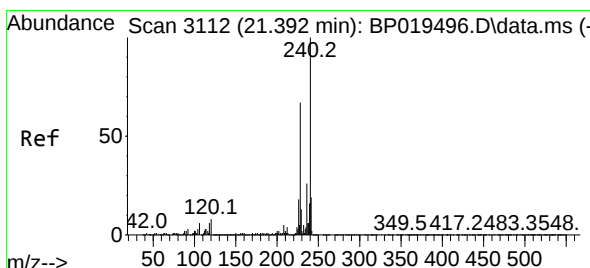
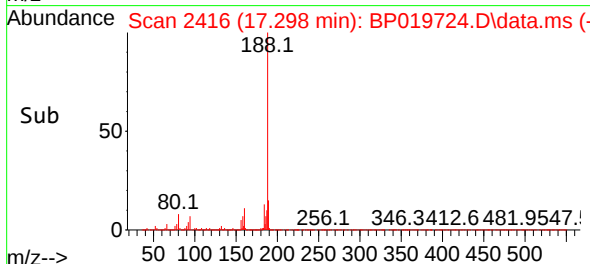
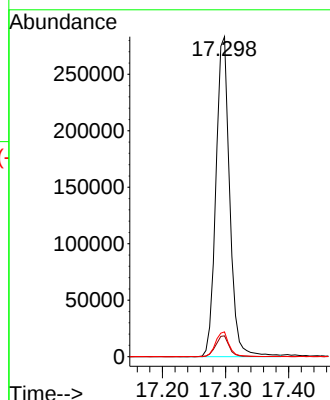
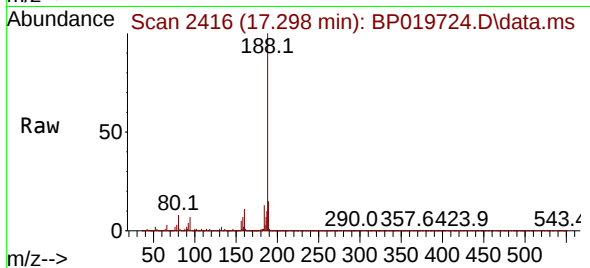
Tgt Ion:188 Resp: 429053

Ion Ratio Lower Upper

188 100

94 6.5 5.4 8.2

80 7.8 6.3 9.5



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.386 min Scan# 3111

Delta R.T. -0.006 min

Lab File: BP019724.D

Acq: 15 Feb 2024 15:46

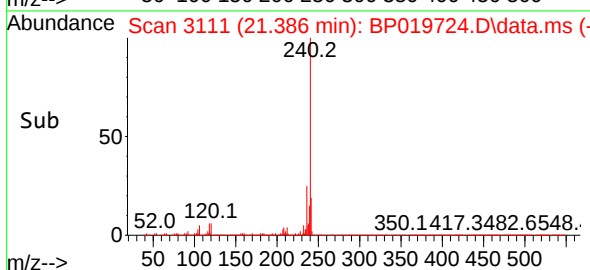
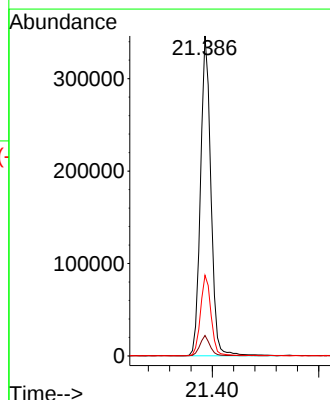
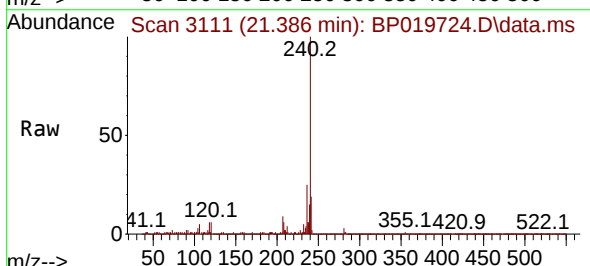
Tgt Ion:240 Resp: 467595

Ion Ratio Lower Upper

240 100

120 6.4 6.1 9.1

236 25.2 20.7 31.1

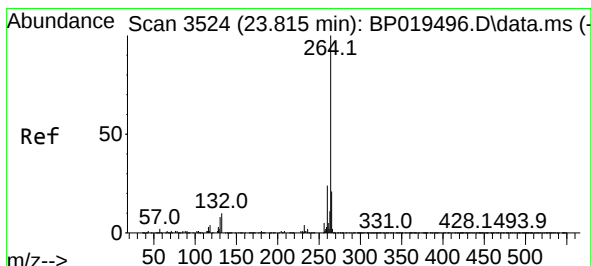
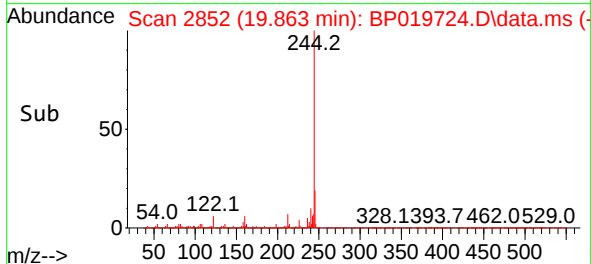
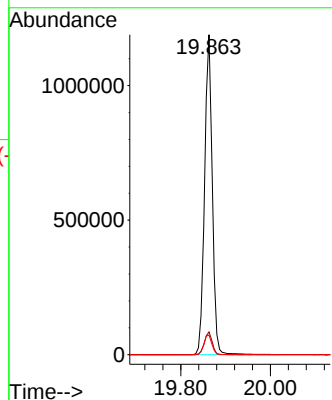
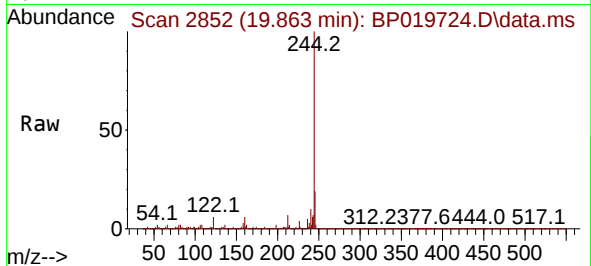




#79
 Terphenyl-d14
 Concen: 49.784 ng
 RT: 19.863 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BP019724.D
 Acq: 15 Feb 2024 15:46

Instrument :
 BNA_P
 ClientSampleId :
 VNJ-205

Tgt Ion:244 Resp: 1415505
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.1 9.1
 122 6.2 5.9 8.9



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.810 min Scan# 3523
 Delta R.T. -0.006 min
 Lab File: BP019724.D
 Acq: 15 Feb 2024 15:46

Tgt Ion:264 Resp: 523001
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.2 28.8
 265 20.9 17.0 25.4

