

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072721\
 Data File : BF124814.D
 Acq On : 28 Jul 2021 2:31
 Operator : JU/CG
 Sample : M3183-01 10X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-201-RBR-200036

Quant Time: Jul 28 03:09:08 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072221.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 22 15:28:57 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	6692	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	24515	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	13096	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	22499	20.000	ng	0.00
76) Chrysene-d12	14.033	240	15207	20.000	ng	0.00
86) Perylene-d12	15.509	264	12325	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	2845	7.198	ng	0.00
7) Phenol-d6	6.487	99	3760	7.588	ng	-0.01
23) Nitrobenzene-d5	7.428	82	2349	5.703	ng	-0.01
42) 2,4,6-Tribromophenol	10.692	330	847	7.533	ng	-0.01
45) 2-Fluorobiphenyl	9.227	172	5204	5.836	ng	0.00
79) Terphenyl-d14	12.980	244	4899	5.522	ng	0.00

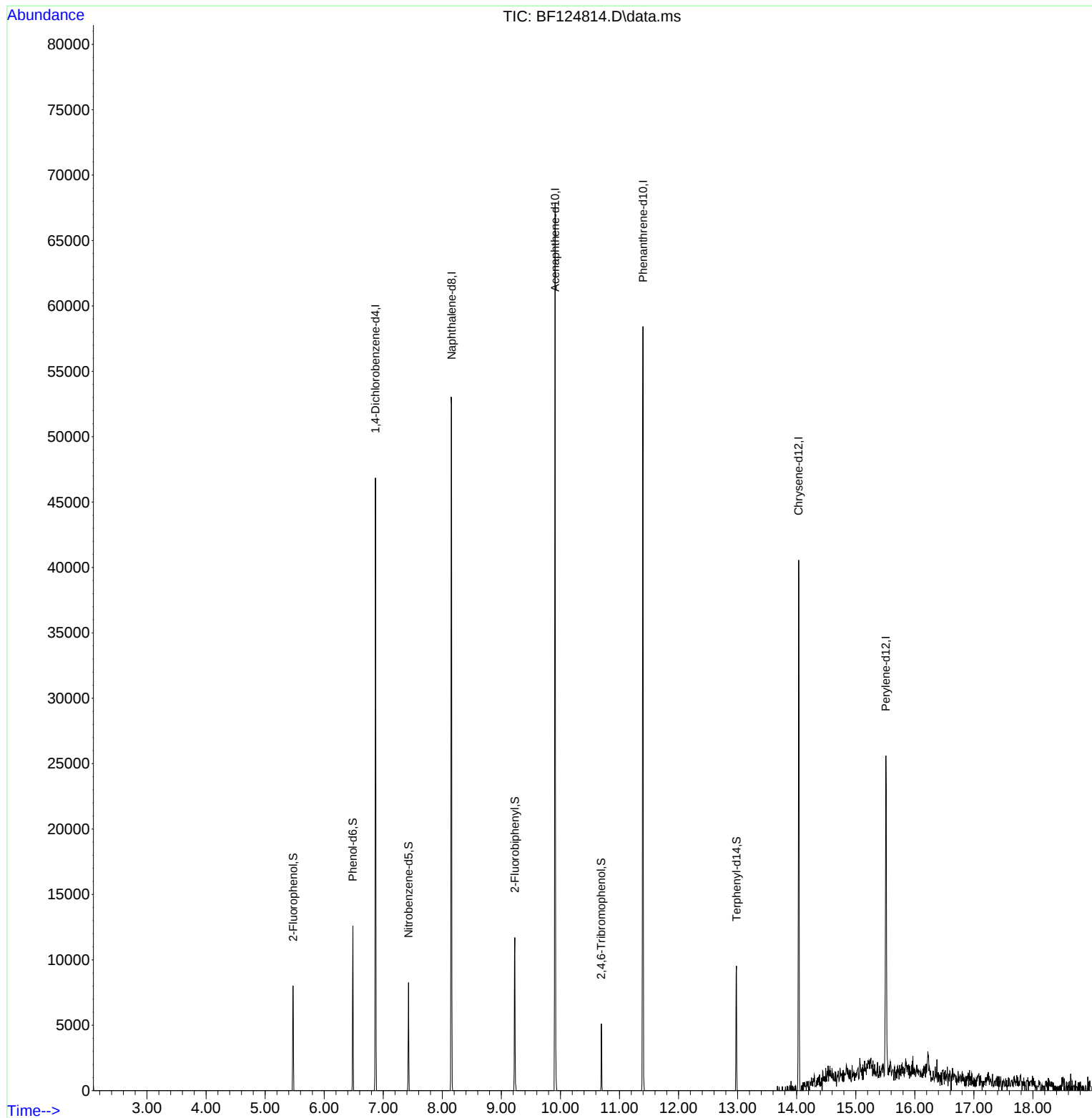
Target Compounds	Qvalue

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

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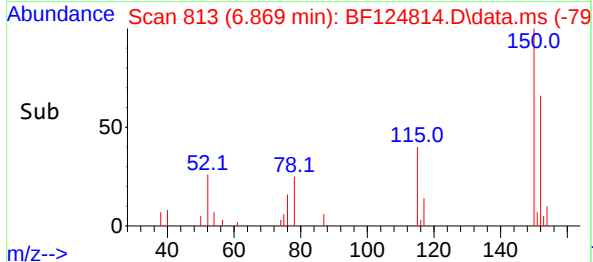
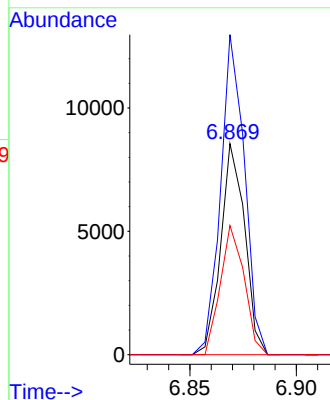
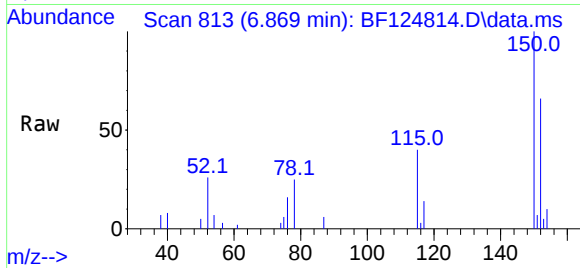




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 813
Delta R.T. -0.000 min
Lab File: BF124814.D
Acq: 28 Jul 2021 2:31

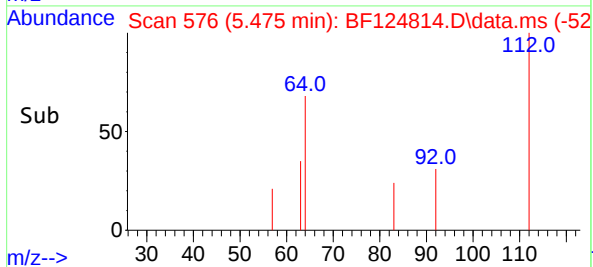
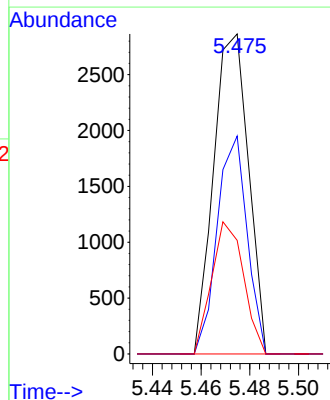
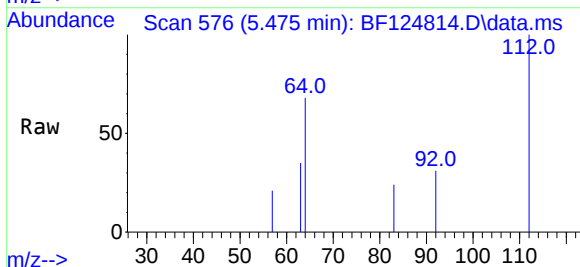
Instrument :
BNA_F
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VNJ-201-RBR-200036

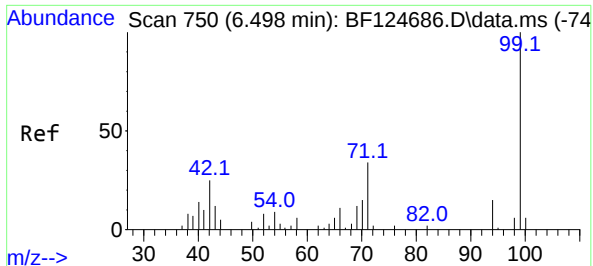
Tgt Ion:152 Resp: 6692
Ion Ratio Lower Upper
152 100
150 151.6 117.6 176.4
115 61.2 47.1 70.7



#5
2-Fluorophenol
Concen: 7.198 ng
RT: 5.475 min Scan# 576
Delta R.T. -0.006 min
Lab File: BF124814.D
Acq: 28 Jul 2021 2:31

Tgt Ion:112 Resp: 2845
Ion Ratio Lower Upper
112 100
64 68.1 44.2 66.2#
63 35.5 26.2 39.2



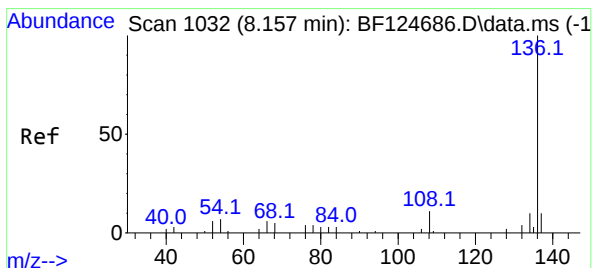
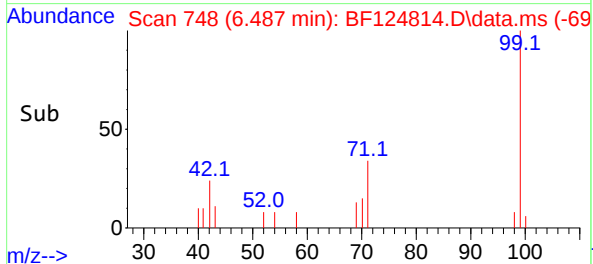
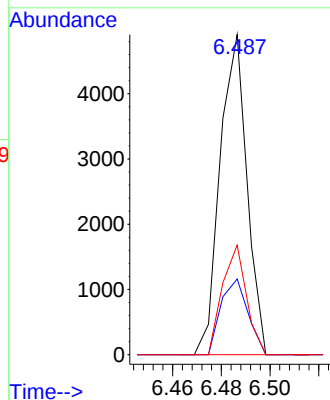
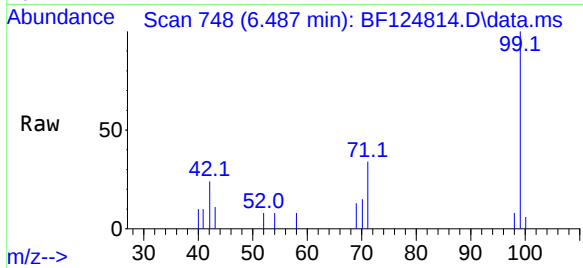


#7
Phenol-d6
Concen: 7.588 ng
RT: 6.487 min Scan# 748
Delta R.T. -0.012 min
Lab File: BF124814.D
Acq: 28 Jul 2021 2:31

Instrument :
BNA_F
ClientSampleId :
VNJ-201-RBR-200036

Tgt Ion: 99 Resp: 3760

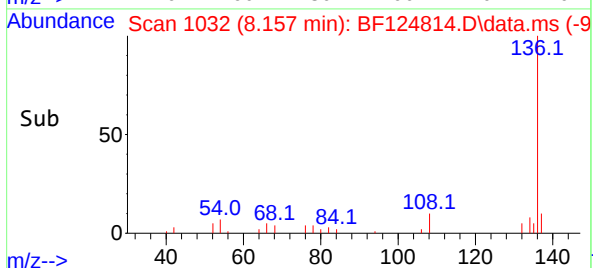
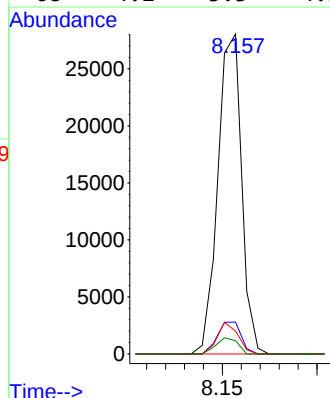
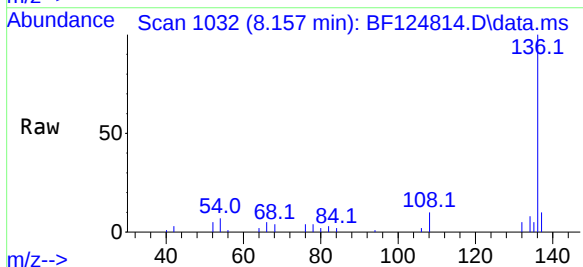
Ion	Ratio	Lower	Upper
99	100		
42	23.7	23.5	35.3
71	34.3	25.6	38.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1032
Delta R.T. -0.000 min
Lab File: BF124814.D
Acq: 28 Jul 2021 2:31

Tgt Ion: 136 Resp: 24515

Ion	Ratio	Lower	Upper
136	100		
137	9.9	9.8	14.6
54	7.1	6.4	9.6
68	4.2	3.3	4.9





#23

Nitrobenzene-d5

Concen: 5.703 ng

RT: 7.428 min Scan# 908

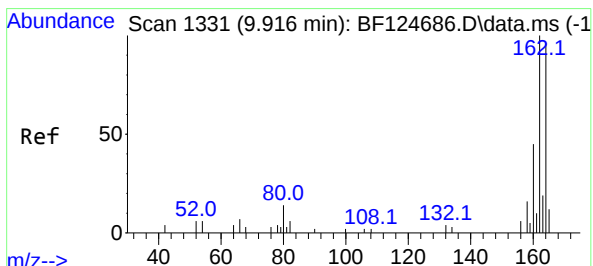
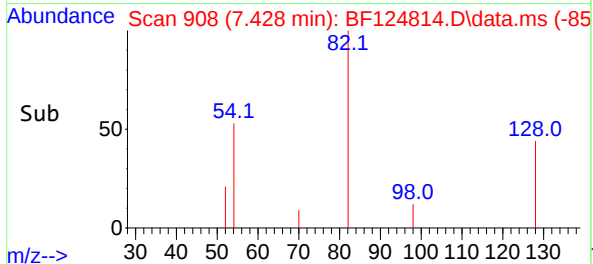
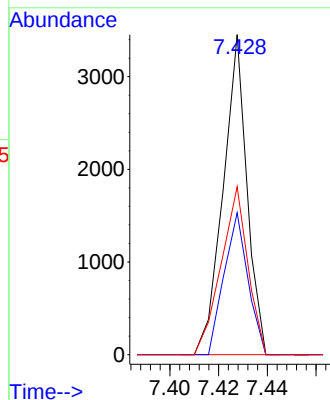
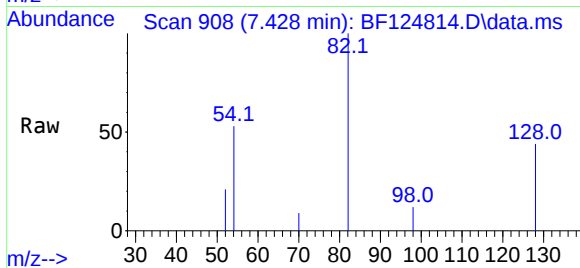
Delta R.T. -0.012 min

Lab File: BF124814.D

Acq: 28 Jul 2021 2:31

Tgt Ion: 82 Resp: 2349

Ion	Ratio	Lower	Upper
82	100		
128	44.3	40.6	60.8
54	52.5	49.6	74.4



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.910 min Scan# 1330

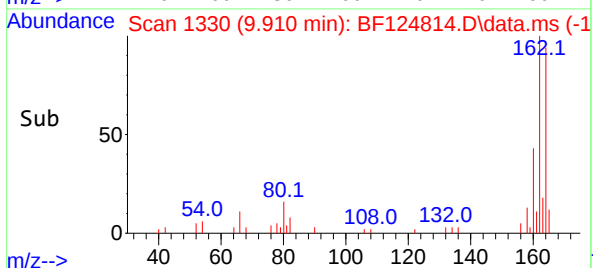
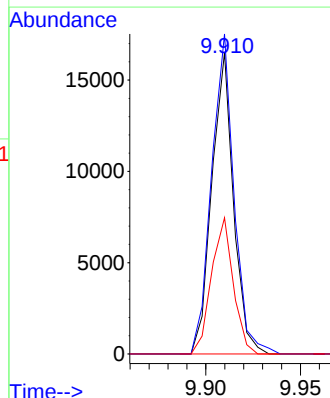
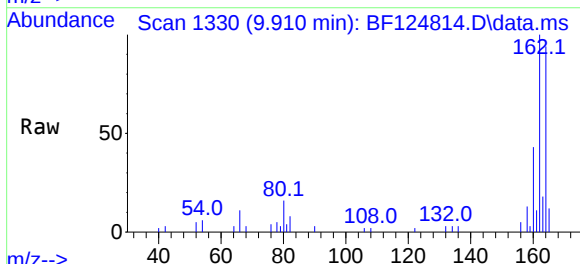
Delta R.T. -0.006 min

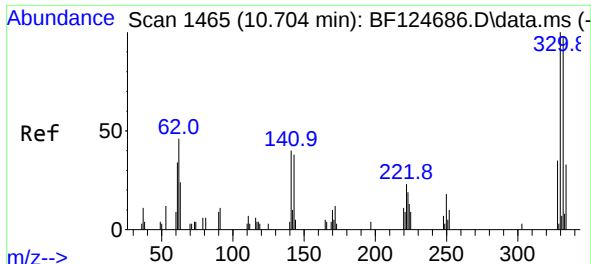
Lab File: BF124814.D

Acq: 28 Jul 2021 2:31

Tgt Ion: 164 Resp: 13096

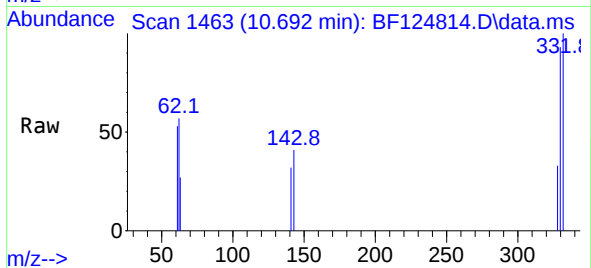
Ion	Ratio	Lower	Upper
164	100		
162	106.1	81.3	121.9
160	45.1	38.0	57.0



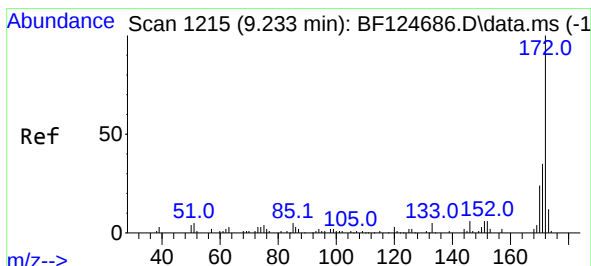
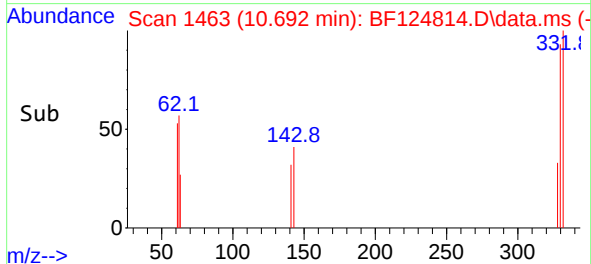
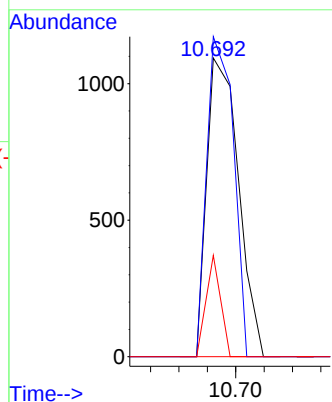


#42
2,4,6-Tribromophenol
Concen: 7.533 ng
RT: 10.692 min Scan# 1463
Delta R.T. -0.012 min
Lab File: BF124814.D
Acq: 28 Jul 2021 2:31

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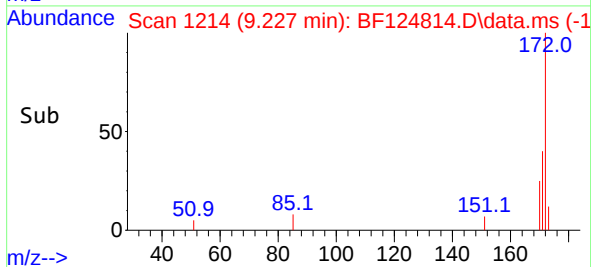
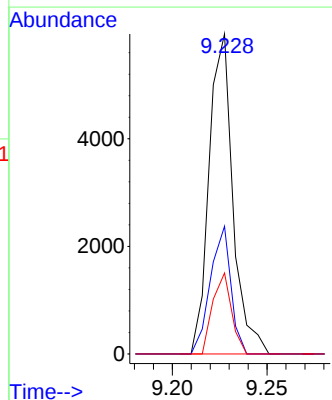
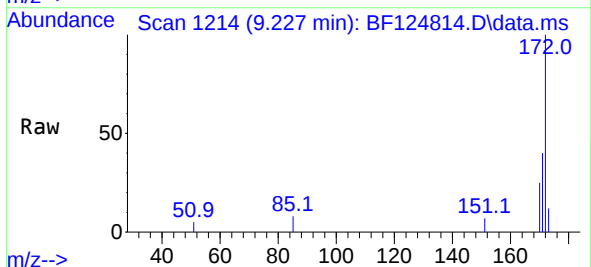


Tgt Ion: 330 Resp: 847
Ion Ratio Lower Upper
330 100
332 90.3 76.2 114.4
141 15.5 44.6 66.8#



#45
2-Fluorobiphenyl
Concen: 5.836 ng
RT: 9.227 min Scan# 1214
Delta R.T. -0.006 min
Lab File: BF124814.D
Acq: 28 Jul 2021 2:31

Tgt Ion: 172 Resp: 5204
Ion Ratio Lower Upper
172 100
171 39.9 26.5 39.7#
170 25.3 18.8 28.2

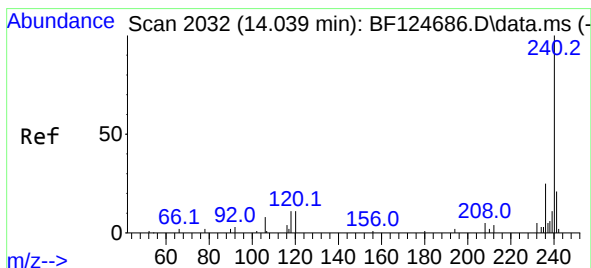
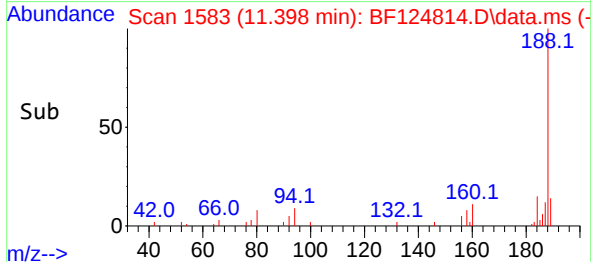
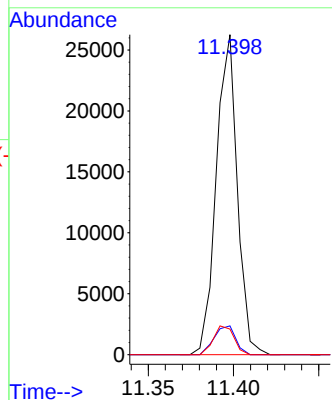
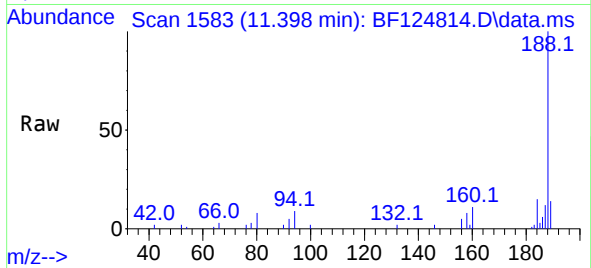




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 1583
Delta R.T. -0.000 min
Lab File: BF124814.D
Acq: 28 Jul 2021 2:31

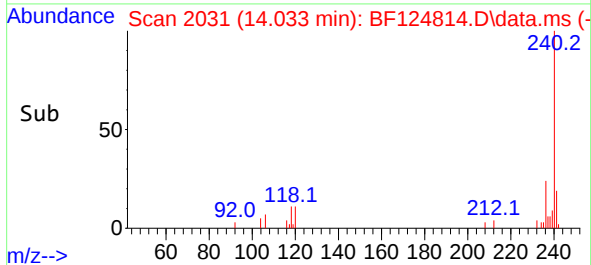
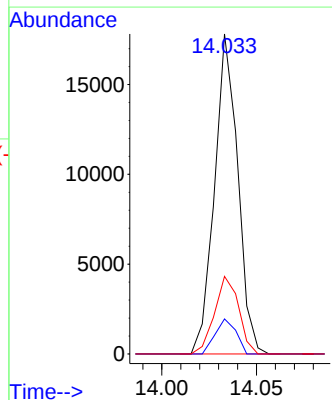
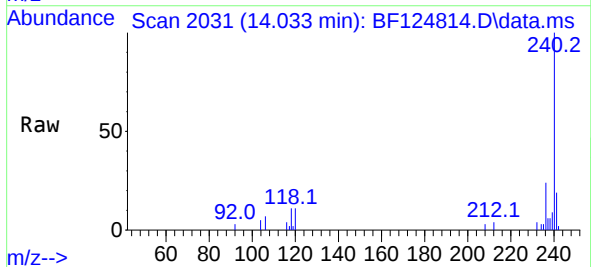
Instrument :
BNA_F
ClientSampleId :
VNJ-201-RBR-200036

Tgt Ion:188 Resp: 22499
Ion Ratio Lower Upper
188 100
94 9.0 6.7 10.1
80 8.0 7.5 11.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.033 min Scan# 2031
Delta R.T. -0.006 min
Lab File: BF124814.D
Acq: 28 Jul 2021 2:31

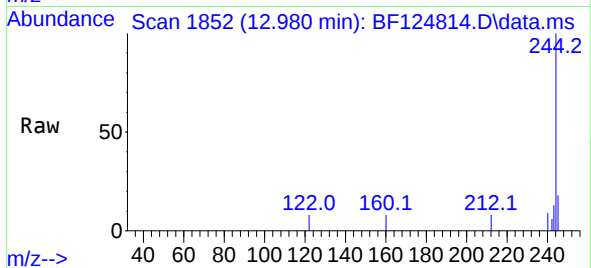
Tgt Ion:240 Resp: 15207
Ion Ratio Lower Upper
240 100
120 10.9 10.8 16.2
236 24.2 21.6 32.4



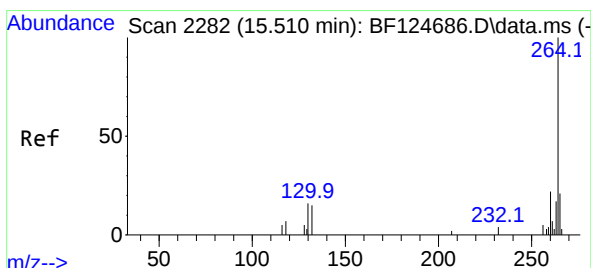
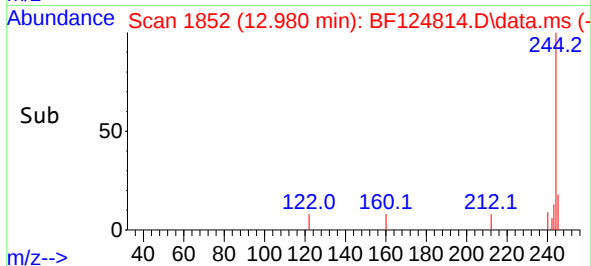
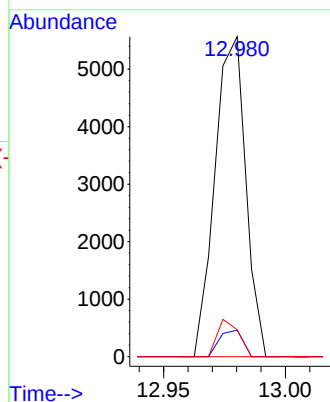


#79
Terphenyl-d14
Concen: 5.522 ng
RT: 12.980 min Scan# 1852
Delta R.T. -0.006 min
Lab File: BF124814.D
Acq: 28 Jul 2021 2:31

Instrument :
BNA_F
ClientSampleId :
VNJ-201-RBR-200036



Tgt Ion:244 Resp: 4899
Ion Ratio Lower Upper
244 100
212 8.3 5.9 8.9
122 8.5 9.0 13.4#



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.509 min Scan# 2282
Delta R.T. -0.000 min
Lab File: BF124814.D
Acq: 28 Jul 2021 2:31

Tgt Ion:264 Resp: 12325
Ion Ratio Lower Upper
264 100
260 23.5 19.6 29.4
265 25.6 17.2 25.8

