

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP011722\
 Data File : BP008832.D
 Acq On : 17 Jan 2022 19:48
 Operator : CG/JU
 Sample : N1166-03 2X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SU-03-011422

Quant Time: Jan 18 03:44:30 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP011422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 14 18:05:00 2022
 Response via : Initial Calibration

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

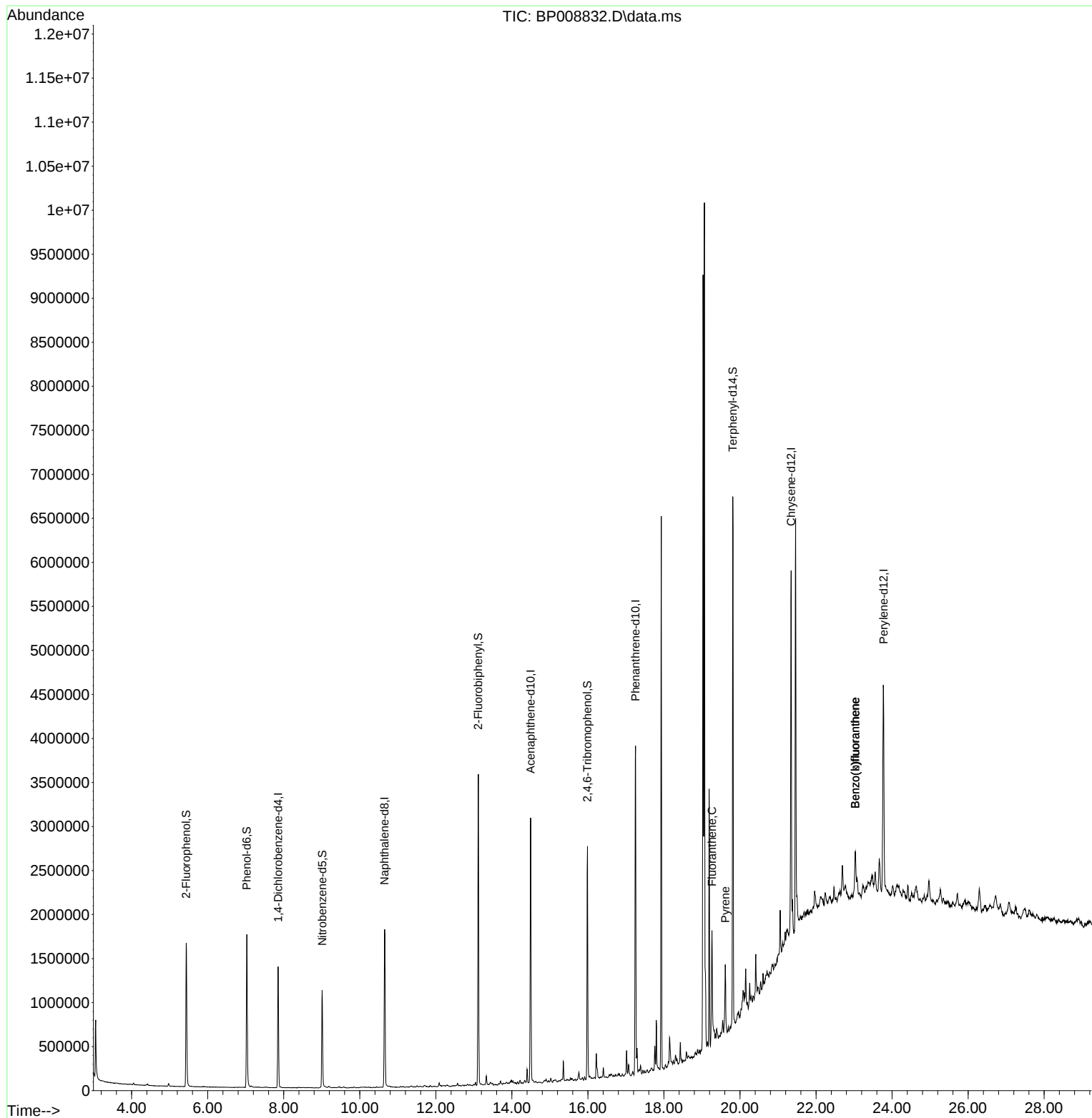
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.852	152	408703	20.000	ng	0.00
21) Naphthalene-d8	10.652	136	1660741	20.000	ng	0.00
39) Acenaphthene-d10	14.493	164	1115740	20.000	ng	0.00
64) Phenanthrene-d10	17.251	188	2390930	20.000	ng	0.00
76) Chrysene-d12	21.345	240	1964373	20.000	ng	0.00
86) Perylene-d12	23.774	264	1896327	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	852740	32.265	ng	0.00
7) Phenol-d6	7.028	99	1127304	35.224	ng	0.00
23) Nitrobenzene-d5	9.010	82	691033	23.623	ng	0.00
42) 2,4,6-Tribromophenol	15.987	330	559120	34.427	ng	0.00
45) 2-Fluorobiphenyl	13.116	172	1936252	22.885	ng	0.00
79) Terphenyl-d14	19.810	244	3016774	25.922	ng	0.00
Target Compounds						
						Qvalue
75) Fluoranthene	19.263	202	493750	3.298	ng	97
78) Pyrene	19.616	202	472649	3.448	ng	98
88) Benzo(b)fluoranthene	23.027	252	306618	2.421	ng	# 82
89) Benzo(k)fluoranthene	23.027	252	306618	2.501	ng	# 83

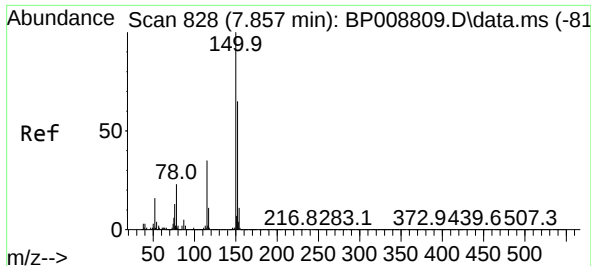
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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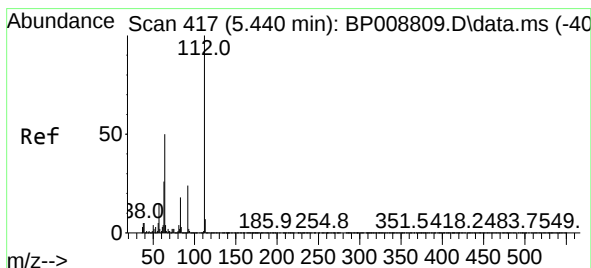
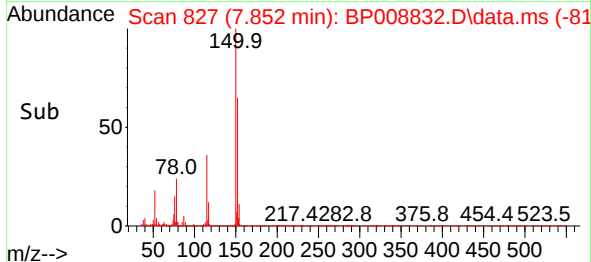
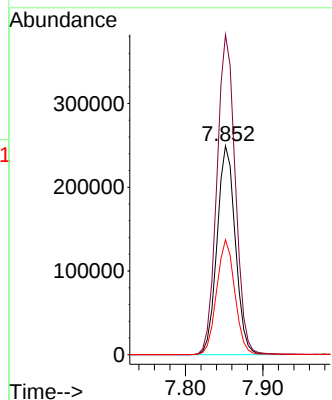
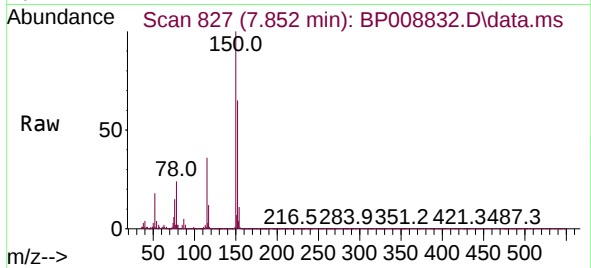




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.852 min Scan# 81
Delta R.T. -0.005 min
Lab File: BP008832.D
Acq: 17 Jan 2022 19:48

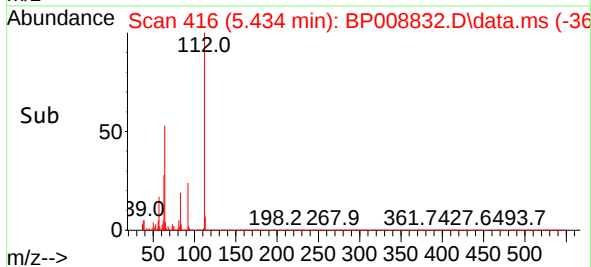
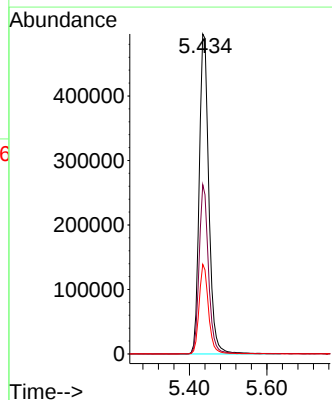
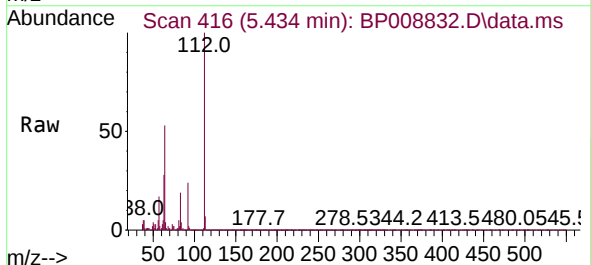
Instrument :
BNA_P
ClientSampleId :
SU-03-011422

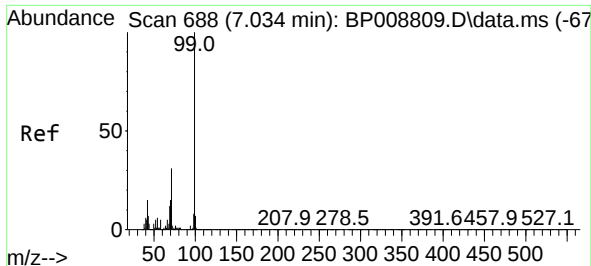
Tgt Ion:152 Resp: 408703
Ion Ratio Lower Upper
152 100
150 153.3 127.0 190.6
115 55.0 43.7 65.5



#5
2-Fluorophenol
Concen: 32.265 ng
RT: 5.434 min Scan# 416
Delta R.T. -0.006 min
Lab File: BP008832.D
Acq: 17 Jan 2022 19:48

Tgt Ion:112 Resp: 852740
Ion Ratio Lower Upper
112 100
64 52.9 39.7 59.5
63 28.0 20.0 30.0



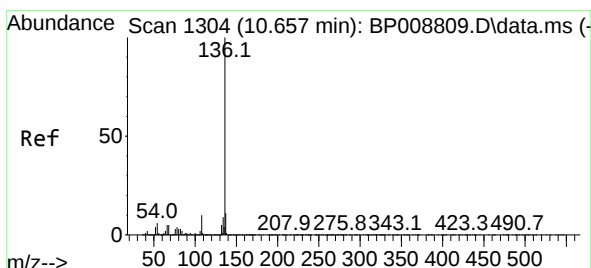
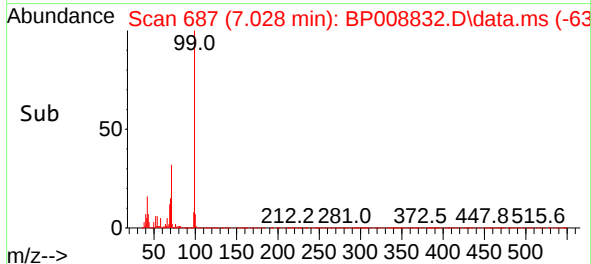
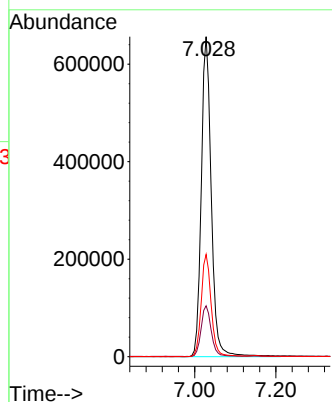
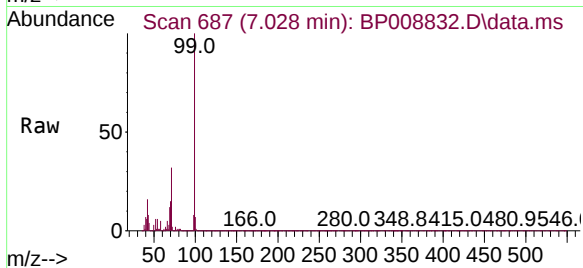


#7
Phenol-d6
Concen: 35.224 ng
RT: 7.028 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP008832.D
Acq: 17 Jan 2022 19:48

Instrument :
BNA_P
ClientSampleId :
SU-03-011422

Tgt Ion: 99 Resp: 1127304

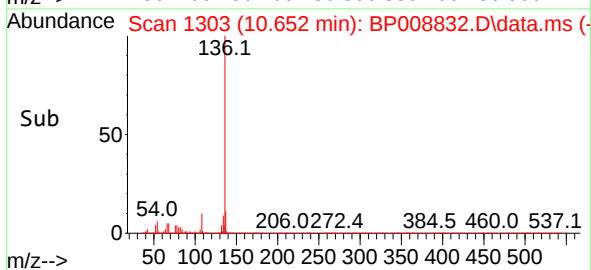
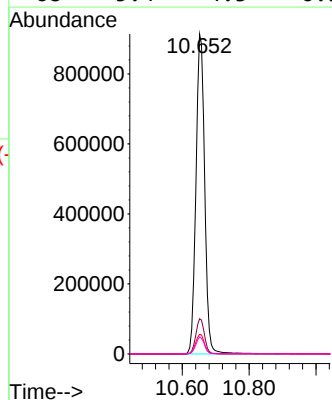
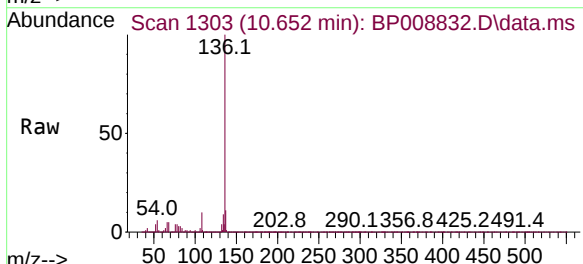
Ion	Ratio	Lower	Upper
99	100		
42	15.9	10.8	16.2
71	31.9	23.8	35.6

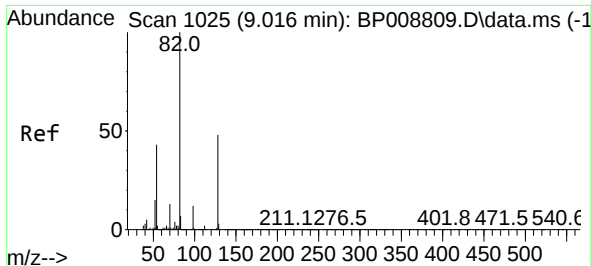


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.652 min Scan# 1303
Delta R.T. -0.006 min
Lab File: BP008832.D
Acq: 17 Jan 2022 19:48

Tgt Ion: 136 Resp: 1660741

Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.0	13.4
54	6.1	4.9	7.3
68	5.4	4.3	6.5

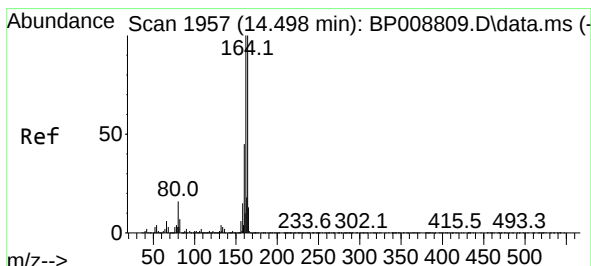
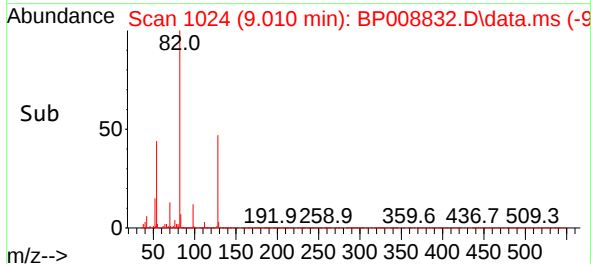
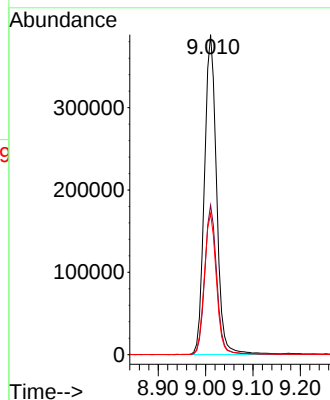
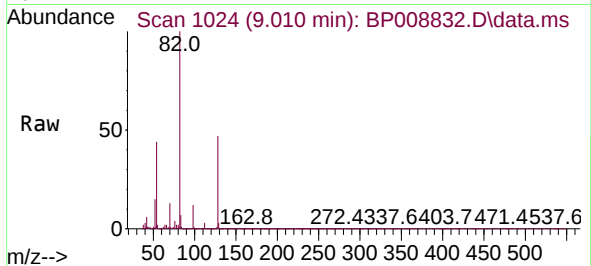




#23
Nitrobenzene-d5
Concen: 23.623 ng
RT: 9.010 min Scan# 1025
Delta R.T. -0.006 min
Lab File: BP008832.D
Acq: 17 Jan 2022 19:48

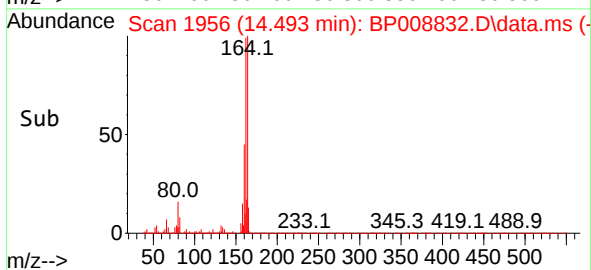
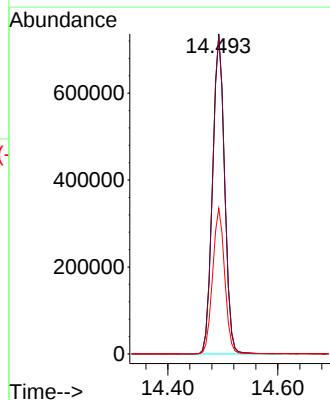
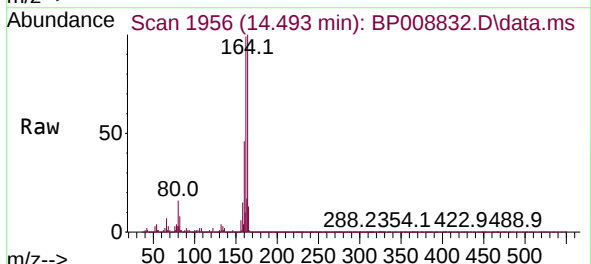
Instrument :
BNA_P
ClientSampleId :
SU-03-011422

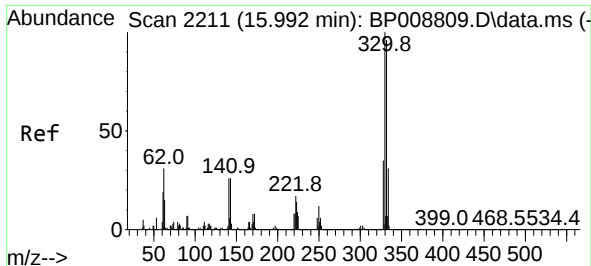
Tgt Ion: 82 Resp: 691033
Ion Ratio Lower Upper
82 100
128 46.7 39.4 59.2
54 44.0 32.6 48.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.493 min Scan# 1956
Delta R.T. -0.006 min
Lab File: BP008832.D
Acq: 17 Jan 2022 19:48

Tgt Ion:164 Resp: 1115740
Ion Ratio Lower Upper
164 100
162 99.4 79.9 119.9
160 45.5 35.5 53.3

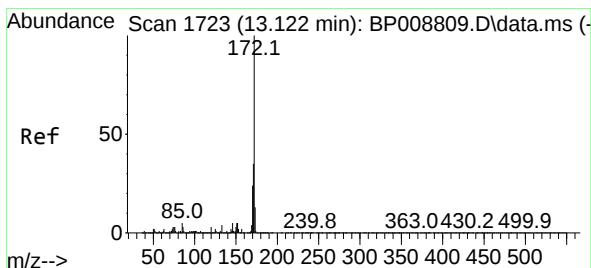
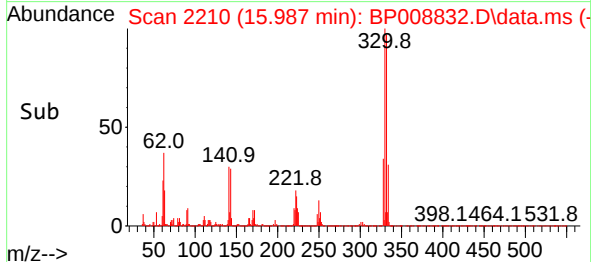
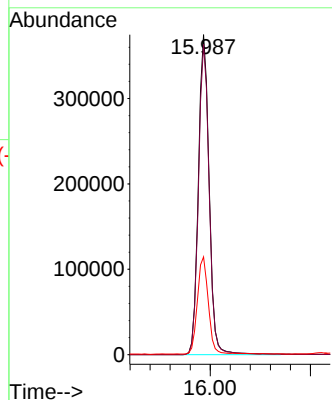
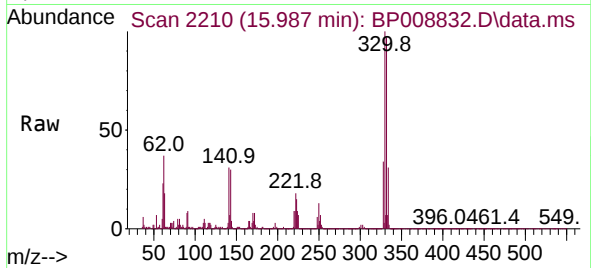




#42
2,4,6-Tribromophenol
Concen: 34.427 ng
RT: 15.987 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP008832.D
Acq: 17 Jan 2022 19:48

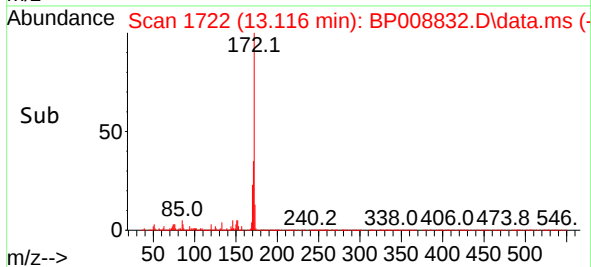
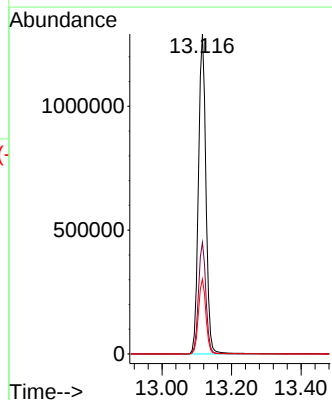
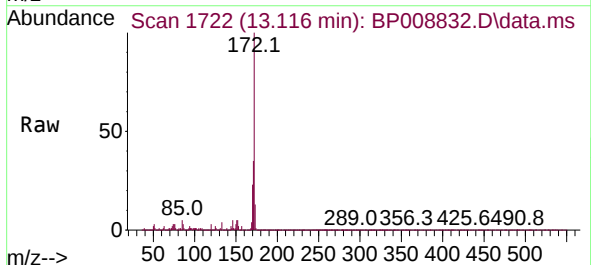
Instrument :
BNA_P
ClientSampleId :
SU-03-011422

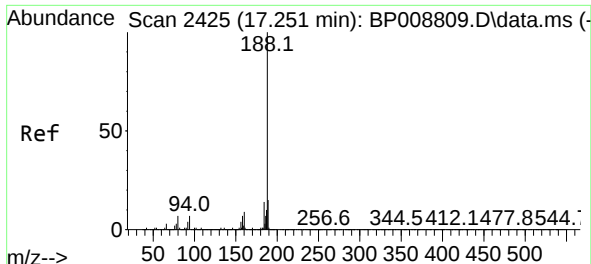
Tgt Ion:330 Resp: 559120
Ion Ratio Lower Upper
330 100
332 96.4 77.0 115.4
141 30.8 21.3 31.9



#45
2-Fluorobiphenyl
Concen: 22.885 ng
RT: 13.116 min Scan# 1722
Delta R.T. -0.006 min
Lab File: BP008832.D
Acq: 17 Jan 2022 19:48

Tgt Ion:172 Resp: 1936252
Ion Ratio Lower Upper
172 100
171 34.9 29.3 43.9
170 23.4 19.5 29.3

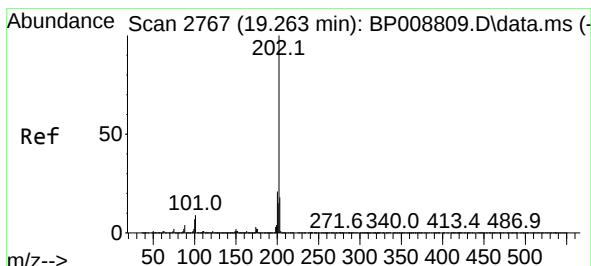
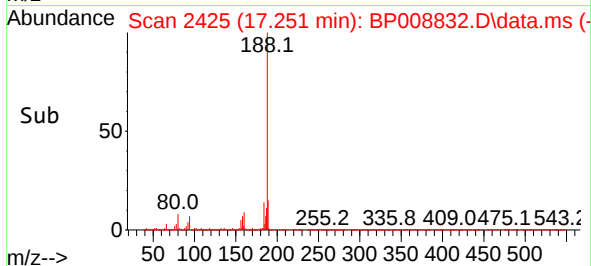
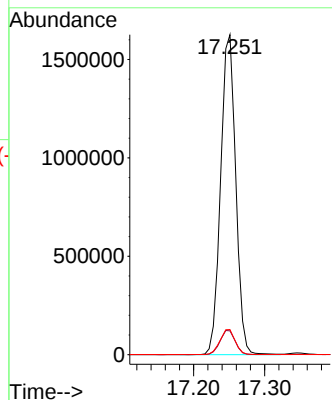
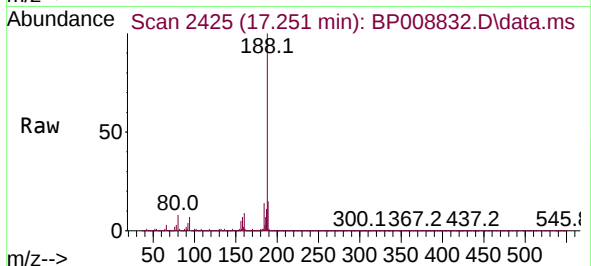




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.251 min Scan# 2425
Delta R.T. 0.000 min
Lab File: BP008832.D
Acq: 17 Jan 2022 19:48

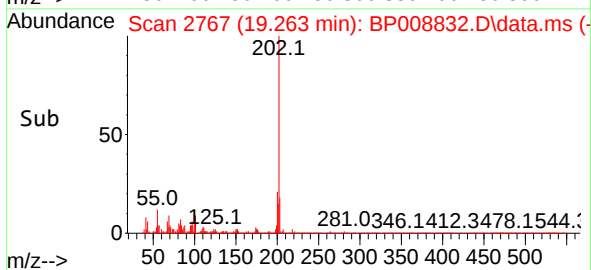
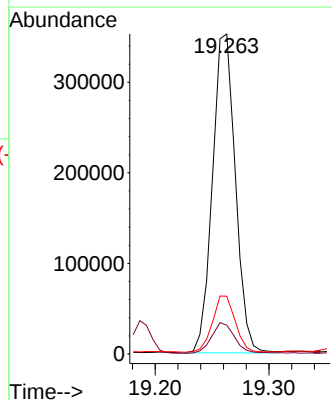
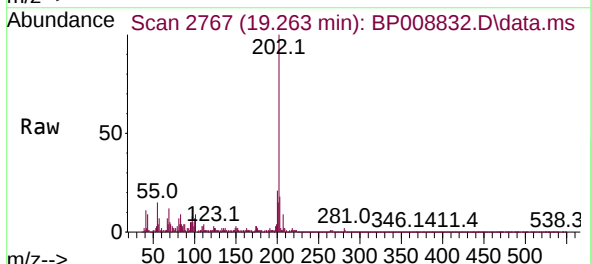
Instrument :
BNA_P
ClientSampleId :
SU-03-011422

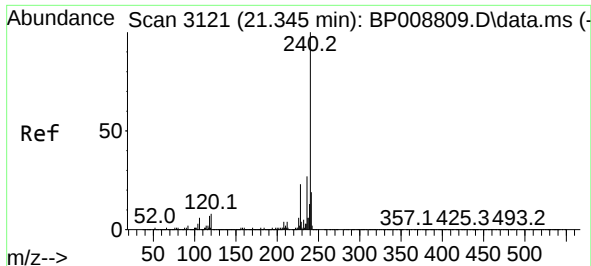
Tgt Ion:188 Resp: 2390930
Ion Ratio Lower Upper
188 100
94 7.5 6.8 10.2
80 7.8 7.2 10.8



#75
Fluoranthene
Concen: 3.298 ng
RT: 19.263 min Scan# 2767
Delta R.T. 0.000 min
Lab File: BP008832.D
Acq: 17 Jan 2022 19:48

Tgt Ion:202 Resp: 493750
Ion Ratio Lower Upper
202 100
101 9.0 0.0 30.7
203 18.1 0.0 38.9

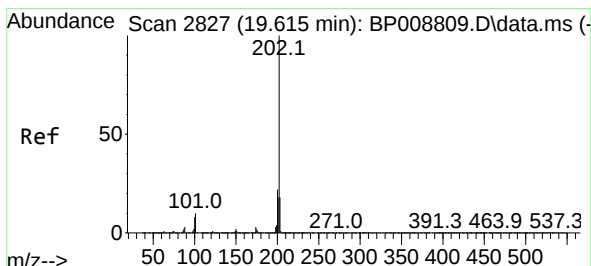
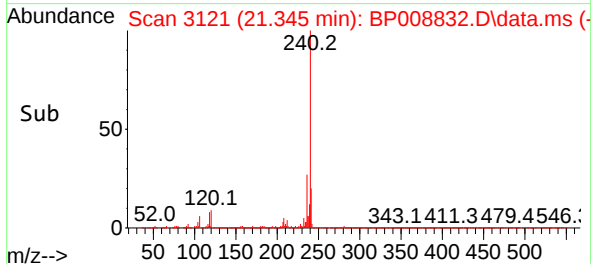
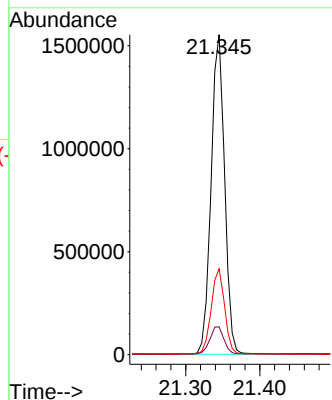
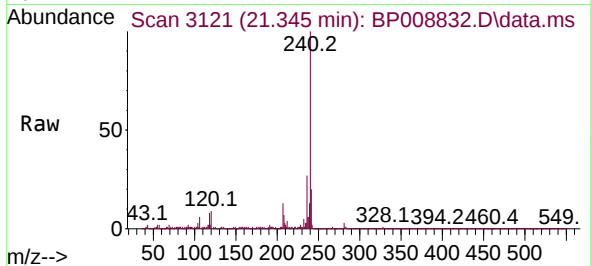




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.345 min Scan# 3121
Delta R.T. 0.000 min
Lab File: BP008832.D
Acq: 17 Jan 2022 19:48

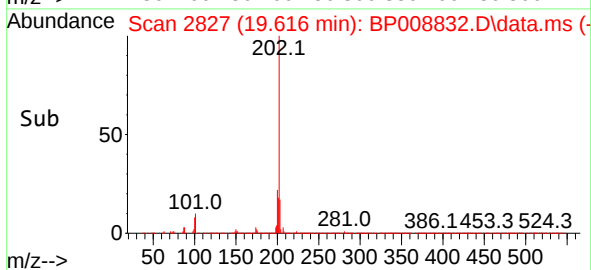
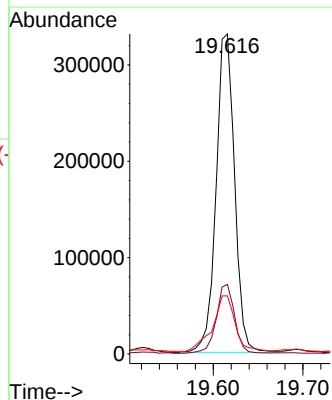
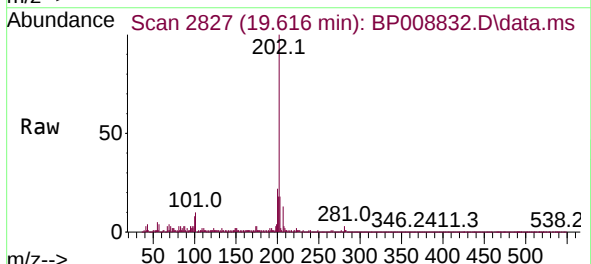
Instrument :
BNA_P
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SU-03-011422

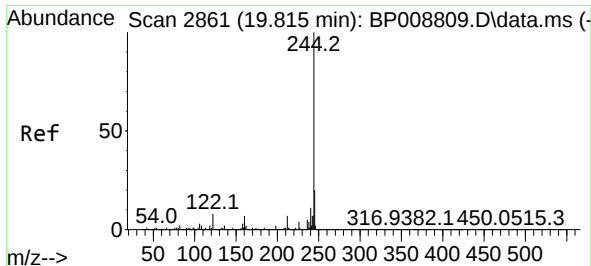
Tgt Ion:240 Resp: 1964373
Ion Ratio Lower Upper
240 100
120 8.7 7.7 11.5
236 26.8 21.2 31.8



#78
Pyrene
Concen: 3.448 ng
RT: 19.616 min Scan# 2827
Delta R.T. 0.000 min
Lab File: BP008832.D
Acq: 17 Jan 2022 19:48

Tgt Ion:202 Resp: 472649
Ion Ratio Lower Upper
202 100
200 21.8 18.0 27.0
203 18.1 15.0 22.6

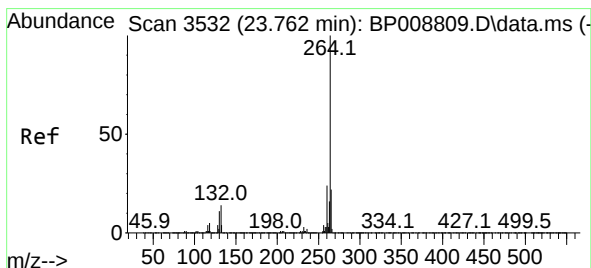
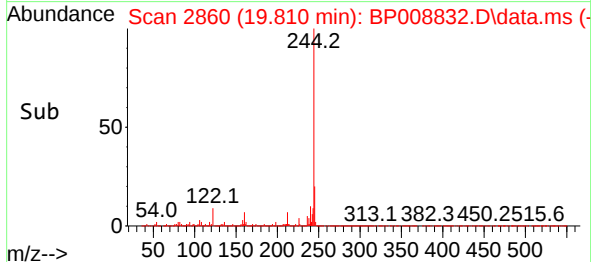
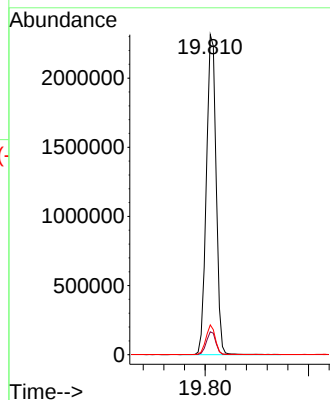
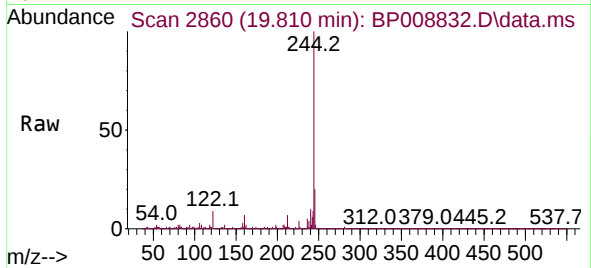




#79
 Terphenyl-d14
 Concen: 25.922 ng
 RT: 19.810 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BP008832.D
 Acq: 17 Jan 2022 19:48

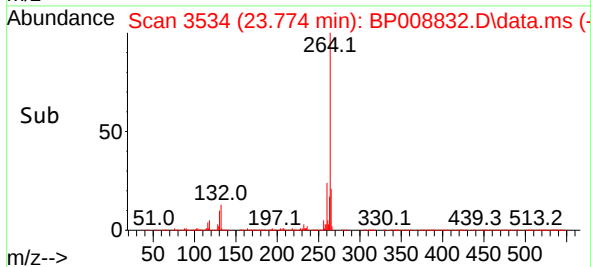
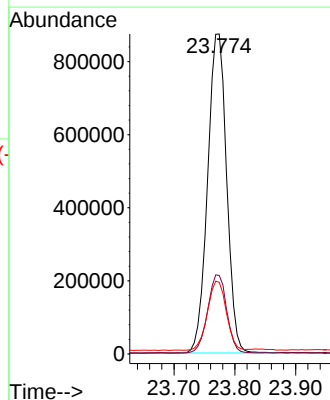
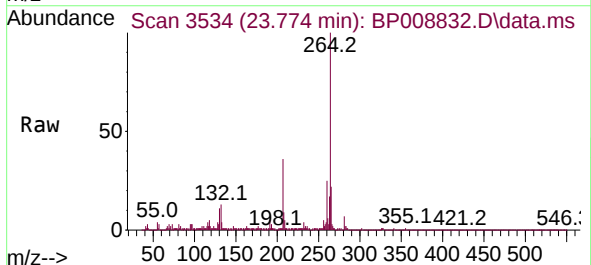
Instrument :
 BNA_P
 ClientSampleId :
 SU-03-011422

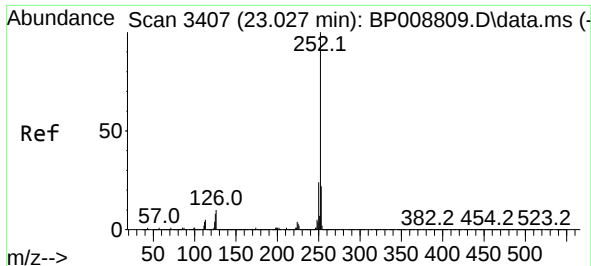
Tgt Ion:244 Resp: 3016774
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.5 9.7
 122 9.3 9.2 13.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.774 min Scan# 3534
 Delta R.T. 0.012 min
 Lab File: BP008832.D
 Acq: 17 Jan 2022 19:48

Tgt Ion:264 Resp: 1896327
 Ion Ratio Lower Upper
 264 100
 260 24.5 19.1 28.7
 265 22.4 17.1 25.7

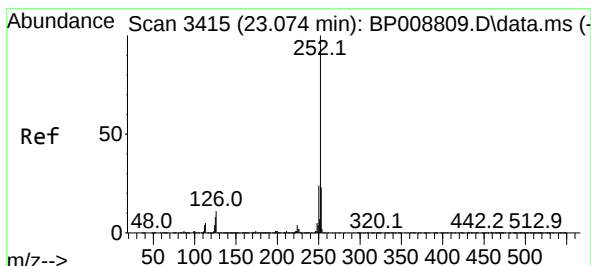
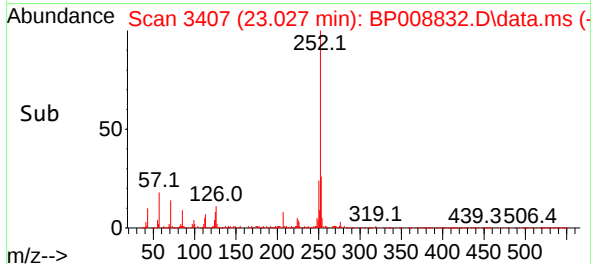
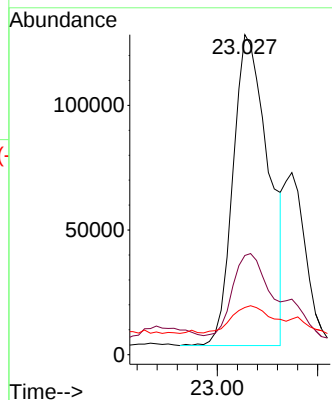
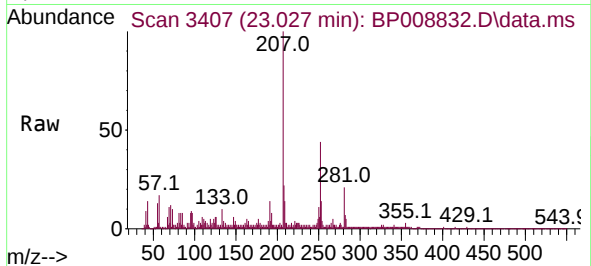




#88
Benzo(b)fluoranthene
Concen: 2.421 ng
RT: 23.027 min Scan# 3407
Delta R.T. 0.000 min
Lab File: BP008832.D
Acq: 17 Jan 2022 19:48

Instrument :
BNA_P
ClientSampleId :
SU-03-011422

Tgt Ion:252 Resp: 306618
Ion Ratio Lower Upper
252 100
253 31.0 18.0 27.0#
125 14.7 6.9 10.3#



#89
Benzo(k)fluoranthene
Concen: 2.501 ng
RT: 23.027 min Scan# 3407
Delta R.T. -0.047 min
Lab File: BP008832.D
Acq: 17 Jan 2022 19:48

Tgt Ion:252 Resp: 306618
Ion Ratio Lower Upper
252 100
253 31.0 18.2 27.2#
125 14.7 7.3 10.9#

