

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072821\
 Data File : BF124836.D
 Acq On : 28 Jul 2021 19:54
 Operator : JU/CG
 Sample : M3186-05
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 AREA-3-(0-9)

Manual Integrations
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Quant Time: Jul 29 02:11:07 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	5543	20.000	ng	# 0.00
21) Naphthalene-d8	8.151	136	22548	20.000	ng	# 0.00
39) Acenaphthene-d10	9.910	164	13187	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	24039	20.000	ng	0.00
76) Chrysene-d12	14.033	240	13893	20.000	ng	# 0.00
86) Perylene-d12	15.509	264	14289	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	38645	118.045	ng	0.00
7) Phenol-d6	6.498	99	47249	115.125	ng	0.00
23) Nitrobenzene-d5	7.434	82	32031	84.549	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	14097	124.506	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	67535	75.219	ng	0.00
79) Terphenyl-d14	12.980	244	70932	87.517	ng	0.00
Target Compounds						
78) Pyrene	12.833	202	3082	2.802	ng	Qvalue 99
88) Benzo(b)fluoranthene	15.074	252	2071m	2.059	ng	
90) Benzo(a)pyrene	15.439	252	1770	2.106	ng	# 83

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

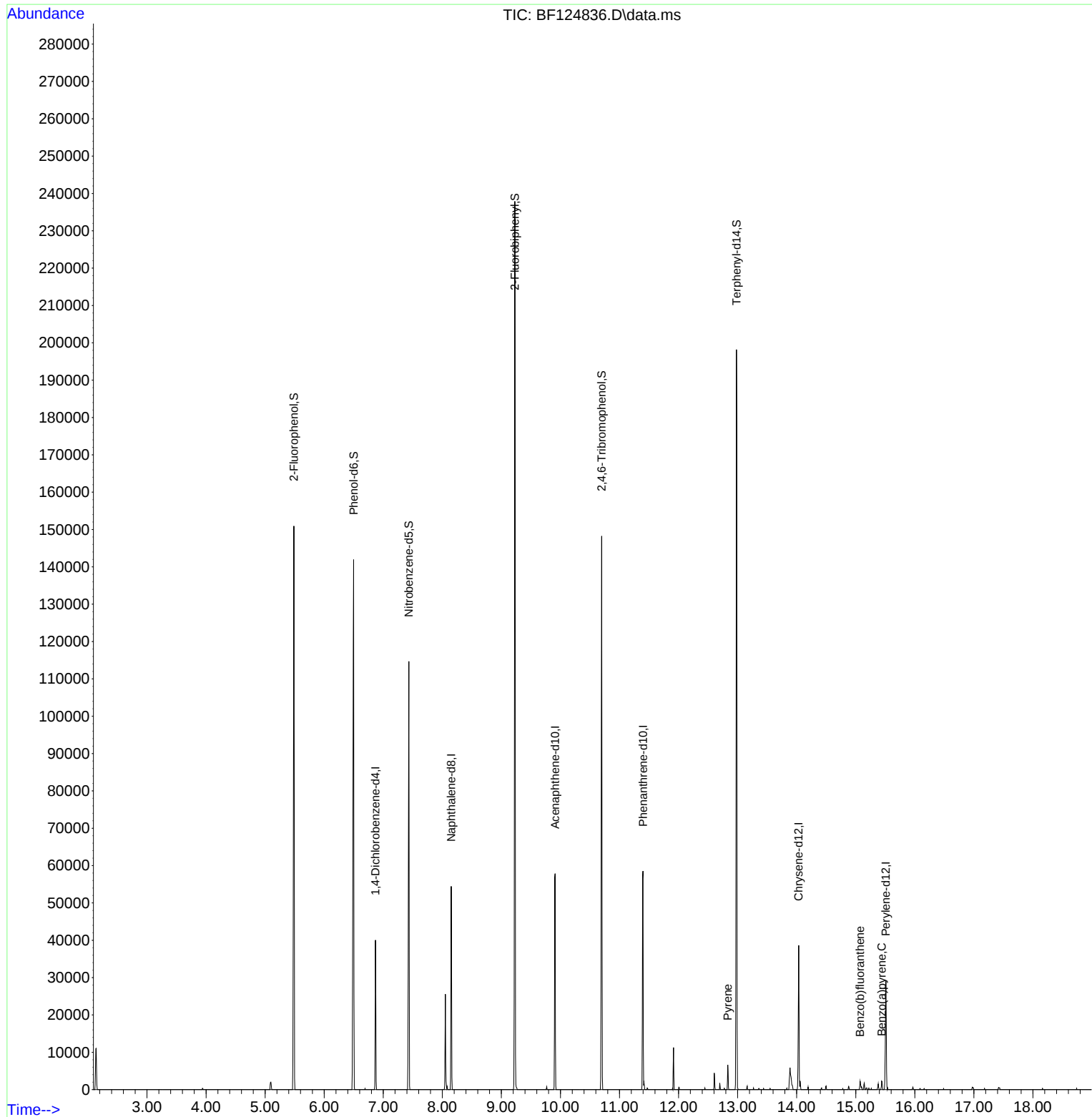
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072821\
Data File : BF124836.D
Acq On : 28 Jul 2021 19:54
Operator : JU/CG
Sample : M3186-05
Misc :
ALS Vial : 11 Sample Multiplier: 1

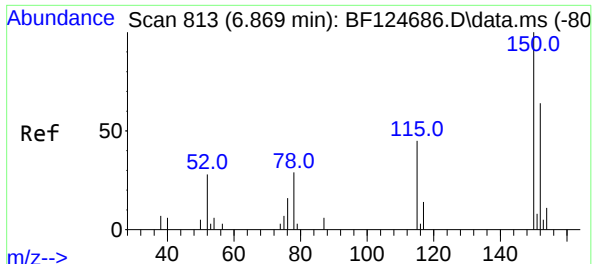
Instrument :
BNA_F
ClientSampleId :
AREA-3-(0-9)

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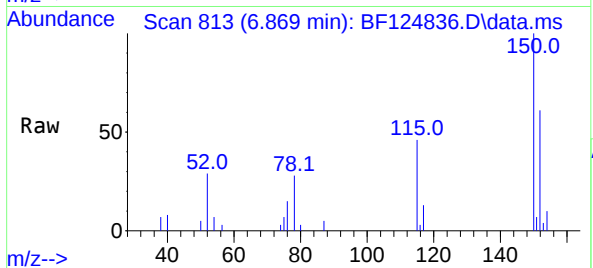
Quant Time: Jul 29 02:11:07 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 22 15:28:57 2021
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 813
Delta R.T. -0.000 min
Lab File: BF124836.D
Acq: 28 Jul 2021 19:54

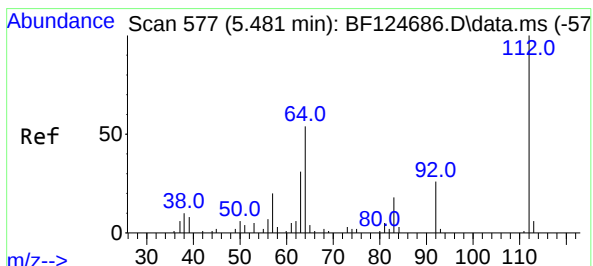
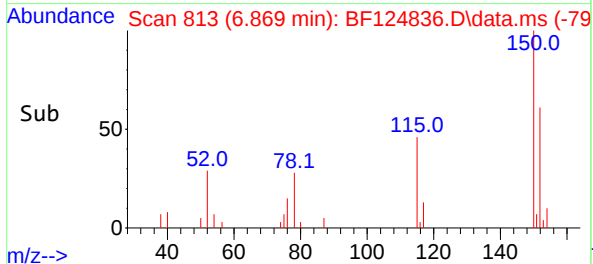
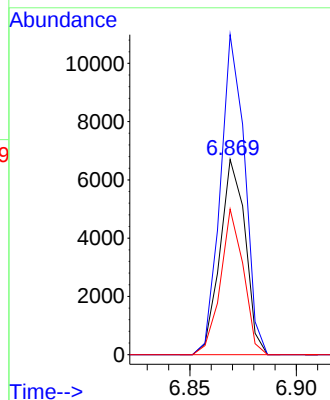
Instrument :
BNA_F
ClientSampled :
AREA-3-(0-9)



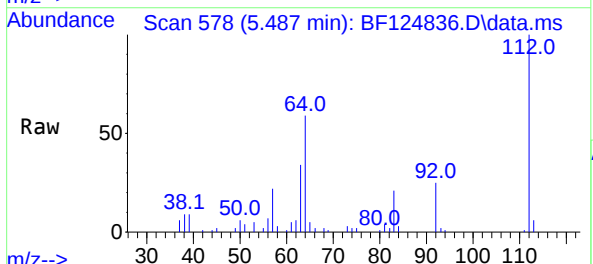
Tgt Ion:152 Resp: 5543
Ion Ratio Lower Upper
152 100
150 163.9 117.6 176.4
115 74.6 47.1 70.7#

Manual Integrations
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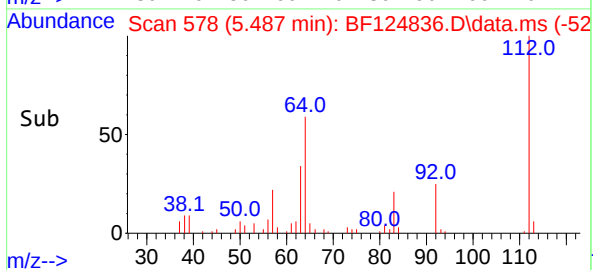
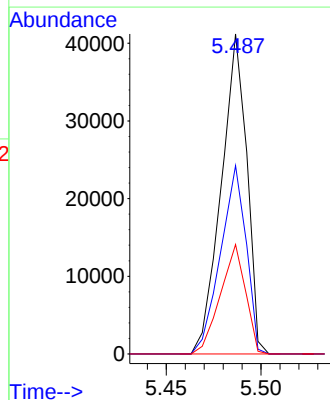
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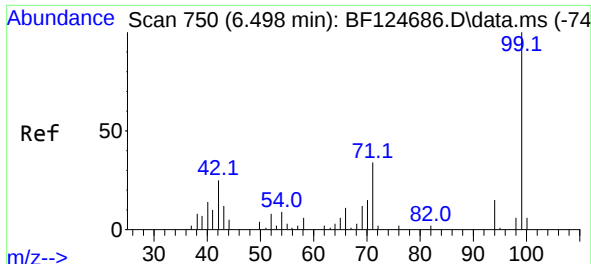


#5
2-Fluorophenol
Concen: 118.045 ng
RT: 5.487 min Scan# 578
Delta R.T. 0.006 min
Lab File: BF124836.D
Acq: 28 Jul 2021 19:54



Tgt Ion:112 Resp: 38645
Ion Ratio Lower Upper
112 100
64 58.9 44.2 66.2
63 34.2 26.2 39.2





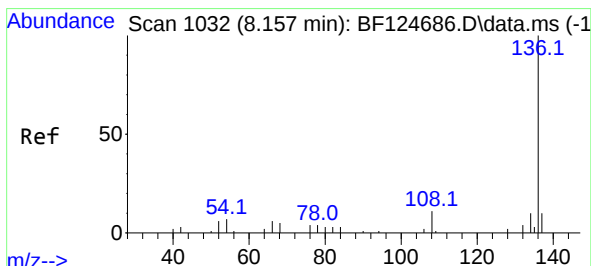
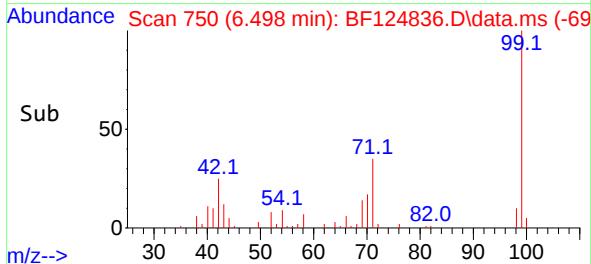
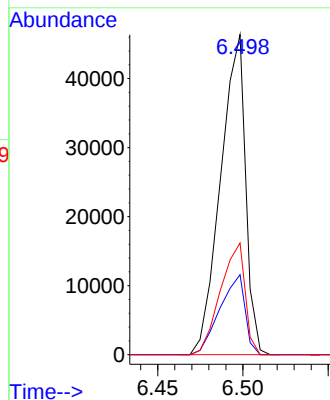
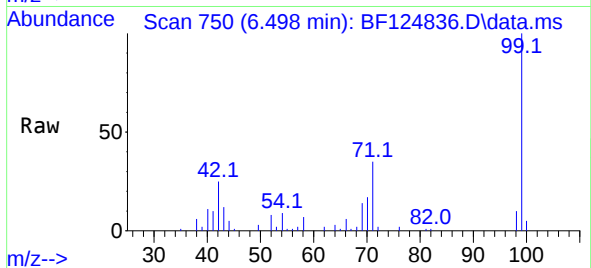
#7
Phenol-d6
Concen: 115.125 ng
RT: 6.498 min Scan# 750
Delta R.T. -0.000 min
Lab File: BF124836.D
Acq: 28 Jul 2021 19:54

Tgt Ion: 99	Resp: 47249
Ion Ratio	Lower Upper
99 100	
42 25.0	23.5 35.3
71 34.9	25.6 38.4

Instrument :
BNA_F
ClientSampleId :
AREA-3-(0-9)

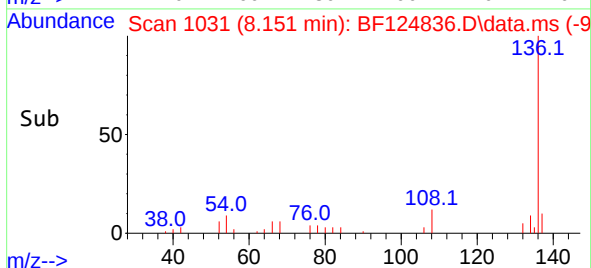
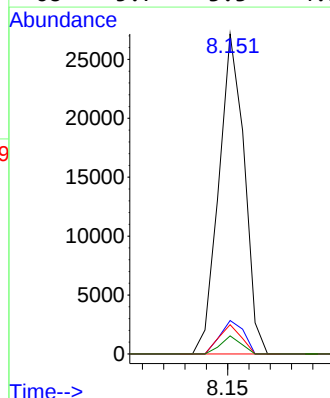
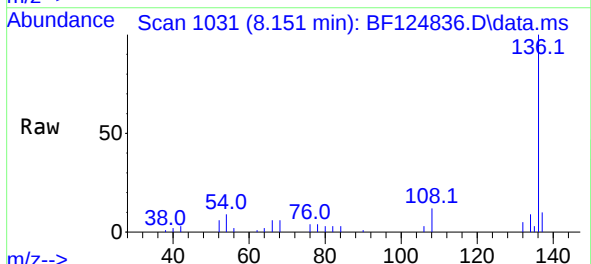
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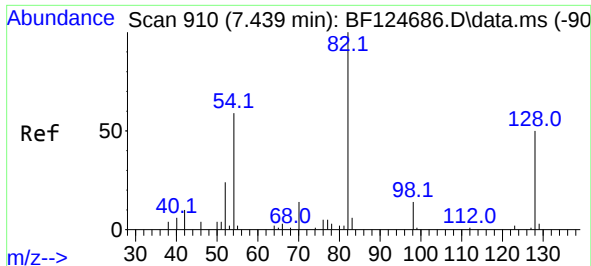
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#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF124836.D
Acq: 28 Jul 2021 19:54

Tgt	Ion:136	Resp:	22548
Ion	Ratio	Lower	Upper
136	100		
137	10.5	9.8	14.6
54	9.1	6.4	9.6
68	5.7	3.3	4.9#





#23

Nitrobenzene-d5

Concen: 84.549 ng

RT: 7.434 min Scan# 909

Delta R.T. -0.006 min

Lab File: BF124836.D

Acq: 28 Jul 2021 19:54

Tgt Ion:	82	Resp:	32031
Ion	Ratio	Lower	Upper
82	100		
128	42.0	40.6	60.8
54	56.6	49.6	74.4

Instrument :

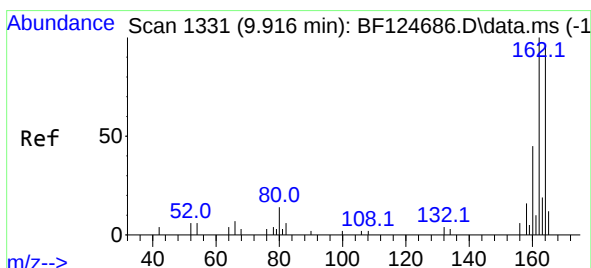
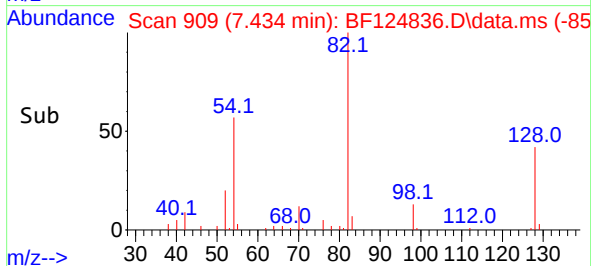
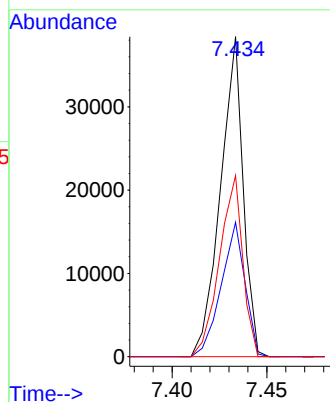
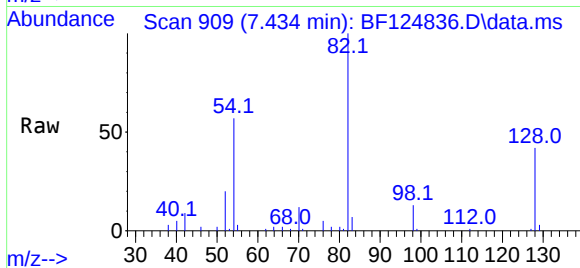
BNA_F

ClientSampleId :

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#39

Acenaphthene-d10

Concen: 20.000 ng

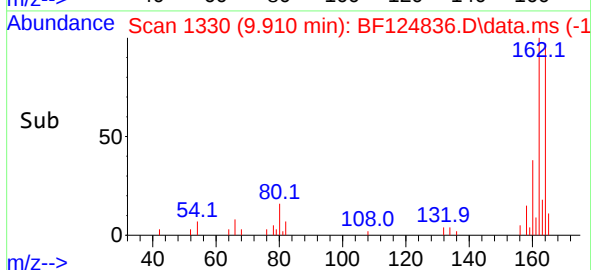
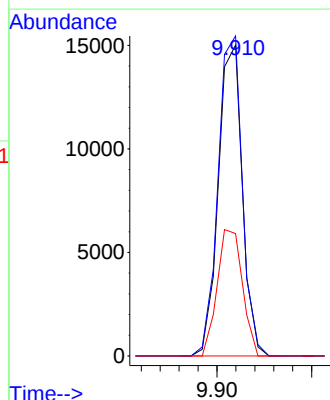
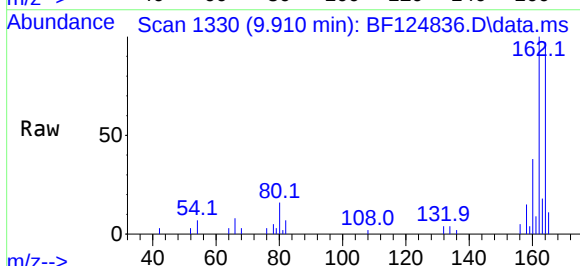
RT: 9.910 min Scan# 1330

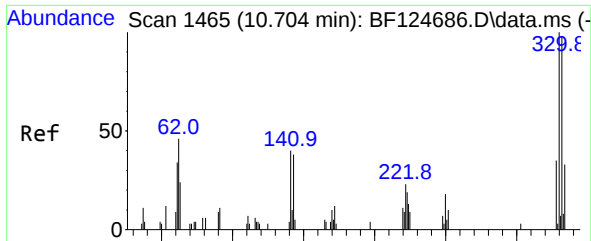
Delta R.T. -0.006 min

Lab File: BF124836.D

Acq: 28 Jul 2021 19:54

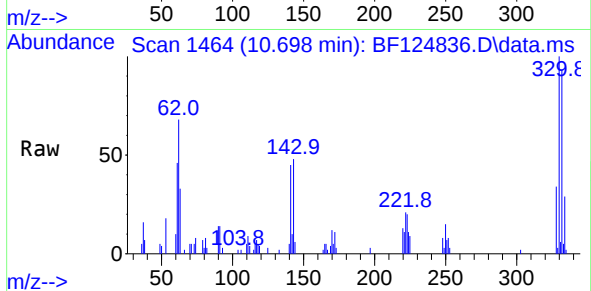
Tgt Ion:	164	Resp:	13187
Ion	Ratio	Lower	Upper
164	100		
162	103.0	81.3	121.9
160	39.4	38.0	57.0





#42
2,4,6-Tribromophenol
Concen: 124.506 ng
RT: 10.698 min Scan# 1464
Delta R.T. -0.006 min
Lab File: BF124836.D
Acq: 28 Jul 2021 19:54

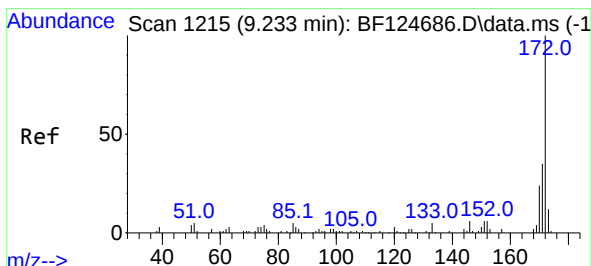
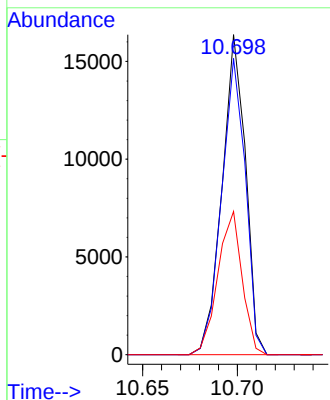
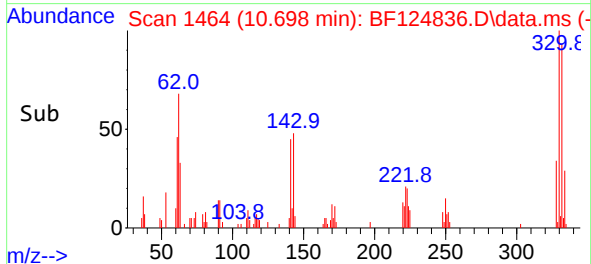
Instrument :
BNA_F
ClientSampleId :
AREA-3-(0-9)



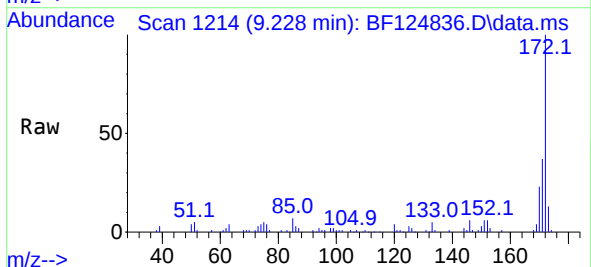
Tgt Ion:330 Resp: 14097
Ion Ratio Lower Upper
330 100
332 93.9 76.2 114.4
141 46.5 44.6 66.8

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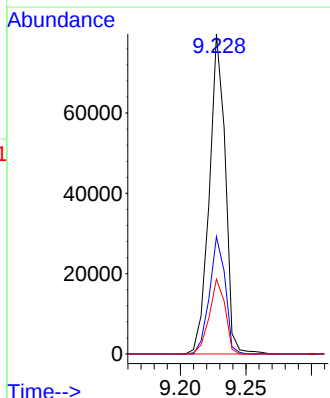
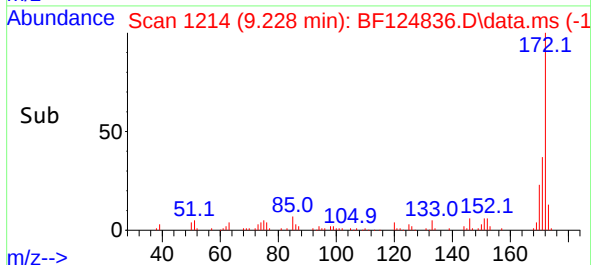
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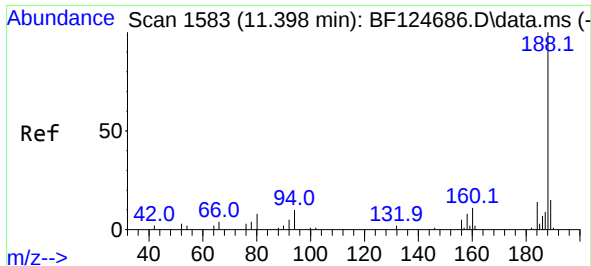


#45
2-Fluorobiphenyl
Concen: 75.219 ng
RT: 9.228 min Scan# 1214
Delta R.T. -0.006 min
Lab File: BF124836.D
Acq: 28 Jul 2021 19:54



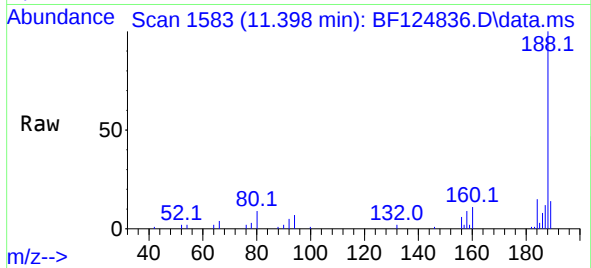
Tgt Ion:172 Resp: 67535
Ion Ratio Lower Upper
172 100
171 36.6 26.5 39.7
170 23.4 18.8 28.2





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 1583
Delta R.T. -0.000 min
Lab File: BF124836.D
Acq: 28 Jul 2021 19:54

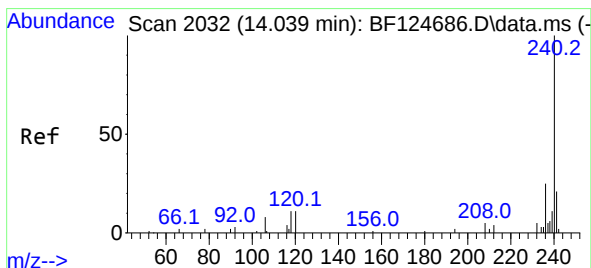
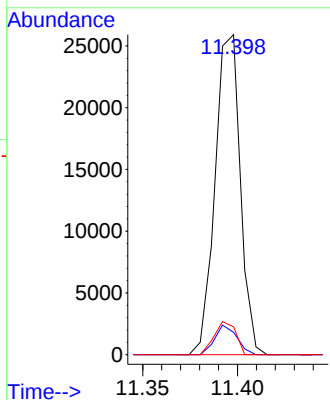
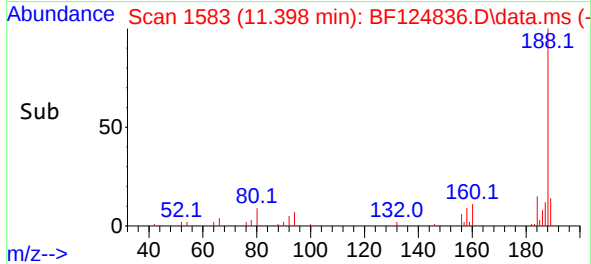
Instrument :
BNA_F
ClientSampleId :
AREA-3-(0-9)



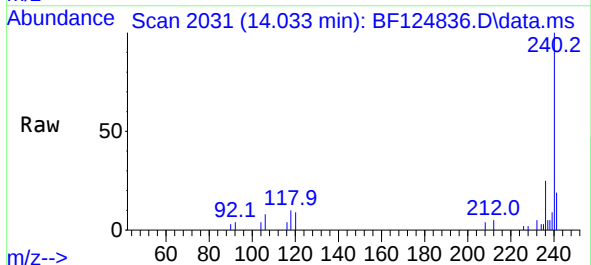
Tgt Ion:188 Resp: 24039
Ion Ratio Lower Upper
188 100
94 7.0 6.7 10.1
80 8.7 7.5 11.3

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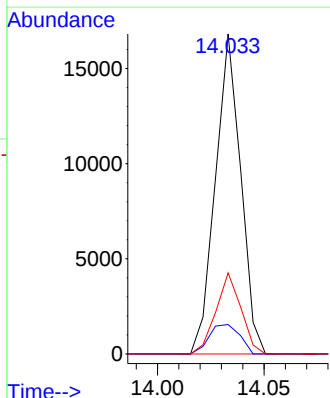
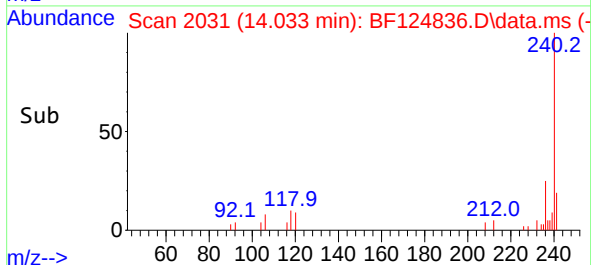
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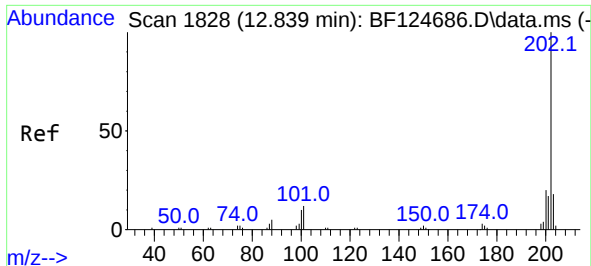


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.033 min Scan# 2031
Delta R.T. -0.006 min
Lab File: BF124836.D
Acq: 28 Jul 2021 19:54



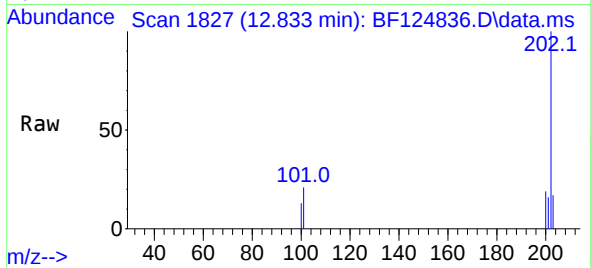
Tgt Ion:240 Resp: 13893
Ion Ratio Lower Upper
240 100
120 9.2 10.8 16.2#
236 25.4 21.6 32.4





#78
Pyrene
Concen: 2.802 ng
RT: 12.833 min Scan# 1827
Delta R.T. -0.006 min
Lab File: BF124836.D
Acq: 28 Jul 2021 19:54

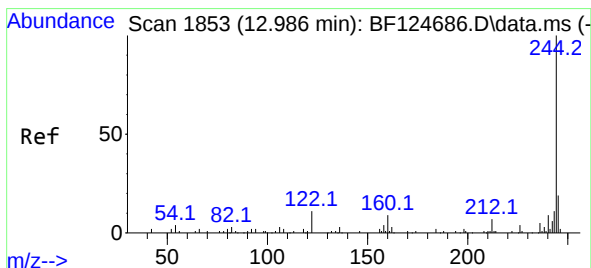
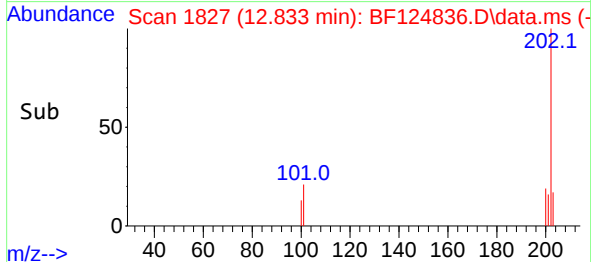
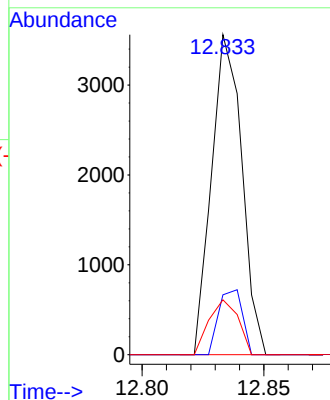
Instrument :
BNA_F
ClientSampleId :
AREA-3-(0-9)



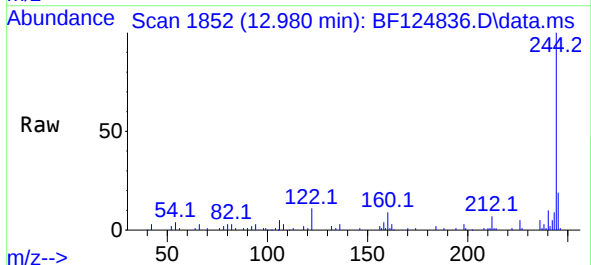
Tgt Ion:202 Resp: 3082
Ion Ratio Lower Upper
202 100
200 18.7 15.3 22.9
203 17.1 13.4 20.0

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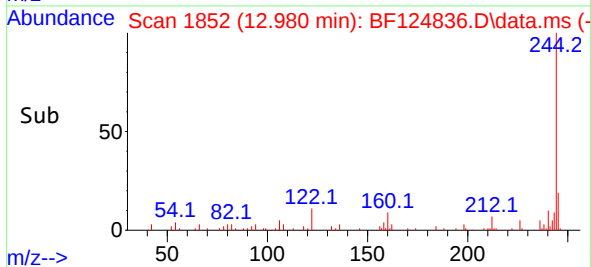
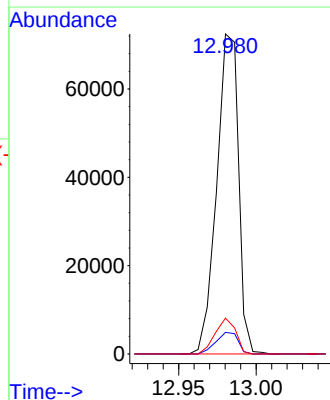
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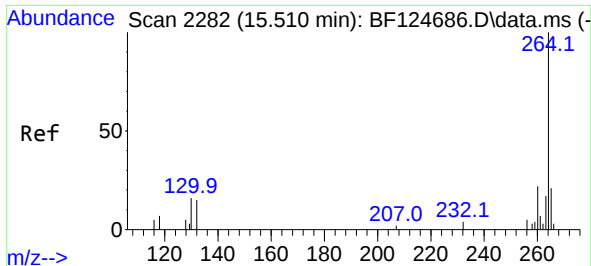


#79
Terphenyl-d14
Concen: 87.517 ng
RT: 12.980 min Scan# 1852
Delta R.T. -0.006 min
Lab File: BF124836.D
Acq: 28 Jul 2021 19:54



Tgt Ion:244 Resp: 70932
Ion Ratio Lower Upper
244 100
212 6.8 5.9 8.9
122 11.2 9.0 13.4





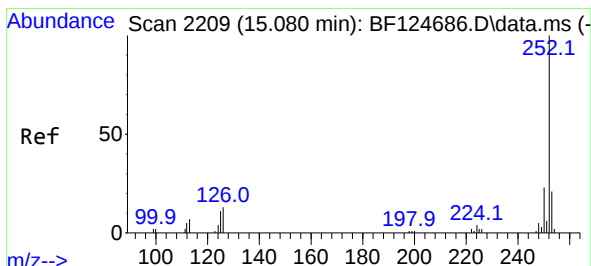
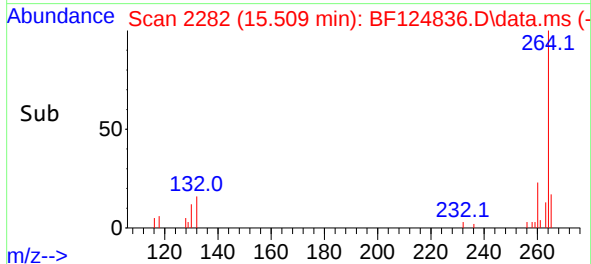
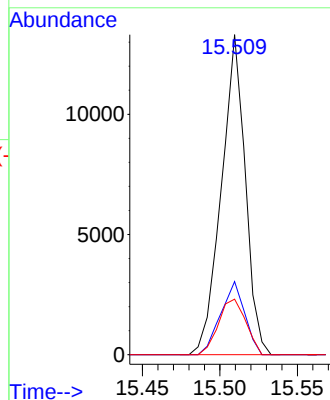
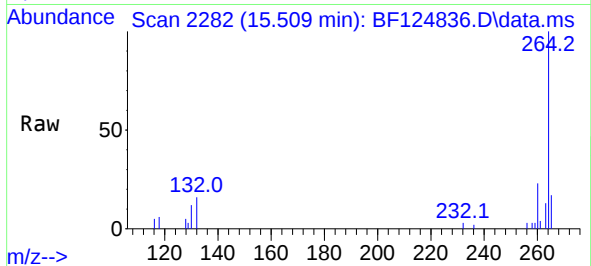
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.509 min Scan# 2282
Delta R.T. -0.000 min
Lab File: BF124836.D
Acq: 28 Jul 2021 19:54

Tgt Ion:264	Resp:	14289
Ion Ratio	Lower	Upper
264	100	
260	22.8	19.6 29.4
265	17.4	17.2 25.8

Instrument :
BNA_F
ClientSampleId :
AREA-3-(0-9)

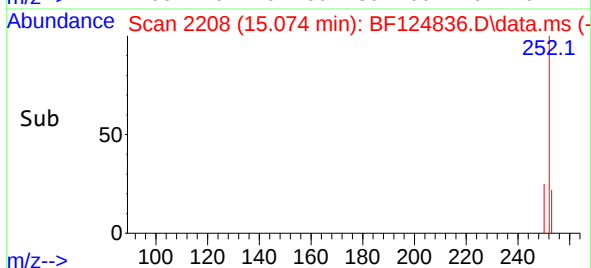
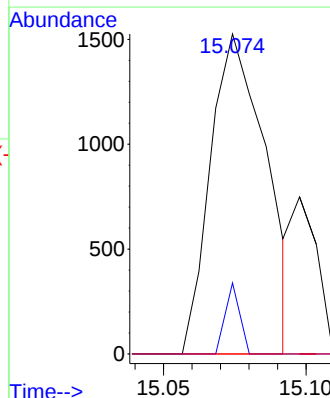
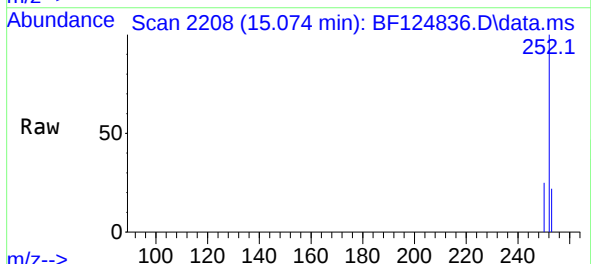
Manual Integrations
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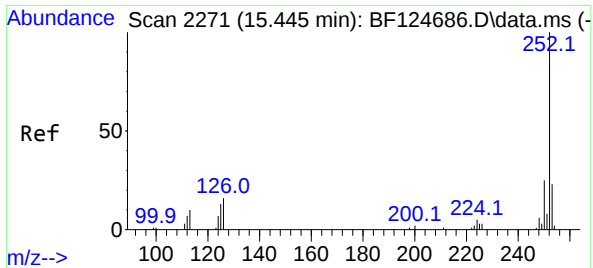
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#88
Benzo(b)fluoranthene
Concen: 2.059 ng m
RT: 15.074 min Scan# 2208
Delta R.T. -0.006 min
Lab File: BF124836.D
Acq: 28 Jul 2021 19:54

Tgt Ion:252	Resp:	2071
Ion Ratio	Lower	Upper
252	100	
253	22.2	16.8 25.2
125	0.0	9.8 14.8#





#90
Benzo(a)pyrene
Concen: 2.106 ng
RT: 15.439 min Scan# 2270
Delta R.T. -0.006 min
Lab File: BF124836.D
Acq: 28 Jul 2021 19:54

Tgt Ion	Ratio	Lower	Upper
252	100		
253	27.2	18.4	27.6
125	0.0	9.9	14.9

Instrument :
BNA_F
ClientSampleId :
AREA-3-(0-9)

Manual Integrations
APPROVED

mohammad
7/29/2021 1:43:27 PM

