

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090120\
 Data File : BF121497.D
 Acq On : 1 Sep 2020 15:29
 Operator : JU/CG
 Sample : L3848-09
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LINDEN-BH-01-A

Manual Integrations
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Quant Time: Sep 01 17:28:03 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF082720.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 28 09:25:49 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	259095	20.00	ng	-0.01
21) Naphthalene-d8	8.14	136	983754	20.00	ng	0.00
39) Acenaphthene-d10	9.89	164	516472	20.00	ng	-0.01
64) Phenanthrene-d10	11.38	188	978769	20.00	ng	0.00
76) Chrysene-d12	14.02	240	742147	20.00	ng	0.00
86) Perylene-d12	15.50	264	737675	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	2262	0.15	ng	-0.01
7) Phenol-d6	6.47	99	27788	1.29	ng	-0.02
23) Nitrobenzene-d5	7.41	82	752717	52.31	ng	-0.02
42) 2,4,6-Tribromophenol	0.00	330	0	0.00	ng	
45) 2-Fluorobiphenyl	9.22	172	1469859	45.92	ng	-0.01
79) Terphenyl-d14	12.97	244	1468585	41.65	ng	0.00
Target Compounds						
25) Isophorone	7.67	82	81402	2.515	ng	98
50) Dimethylphthalate	9.61	163	77678	2.190	ng	97
75) Fluoranthene	12.59	202	235541	4.351	ng	96
78) Pyrene	12.82	202	244026	4.604	ng	96
81) Benzo(a)anthracene	14.01	228	134876	2.977	ng	96
83) Chrysene	14.04	228	122514	2.703	ng	96
88) Benzo(b)fluoranthene	15.06	252	162546m	3.387	ng	
90) Benzo(a)pyrene	15.43	252	119861	2.778	ng	97
92) Benzo(g,h,i)perylene	17.39	276	79556	2.223	ng	96

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

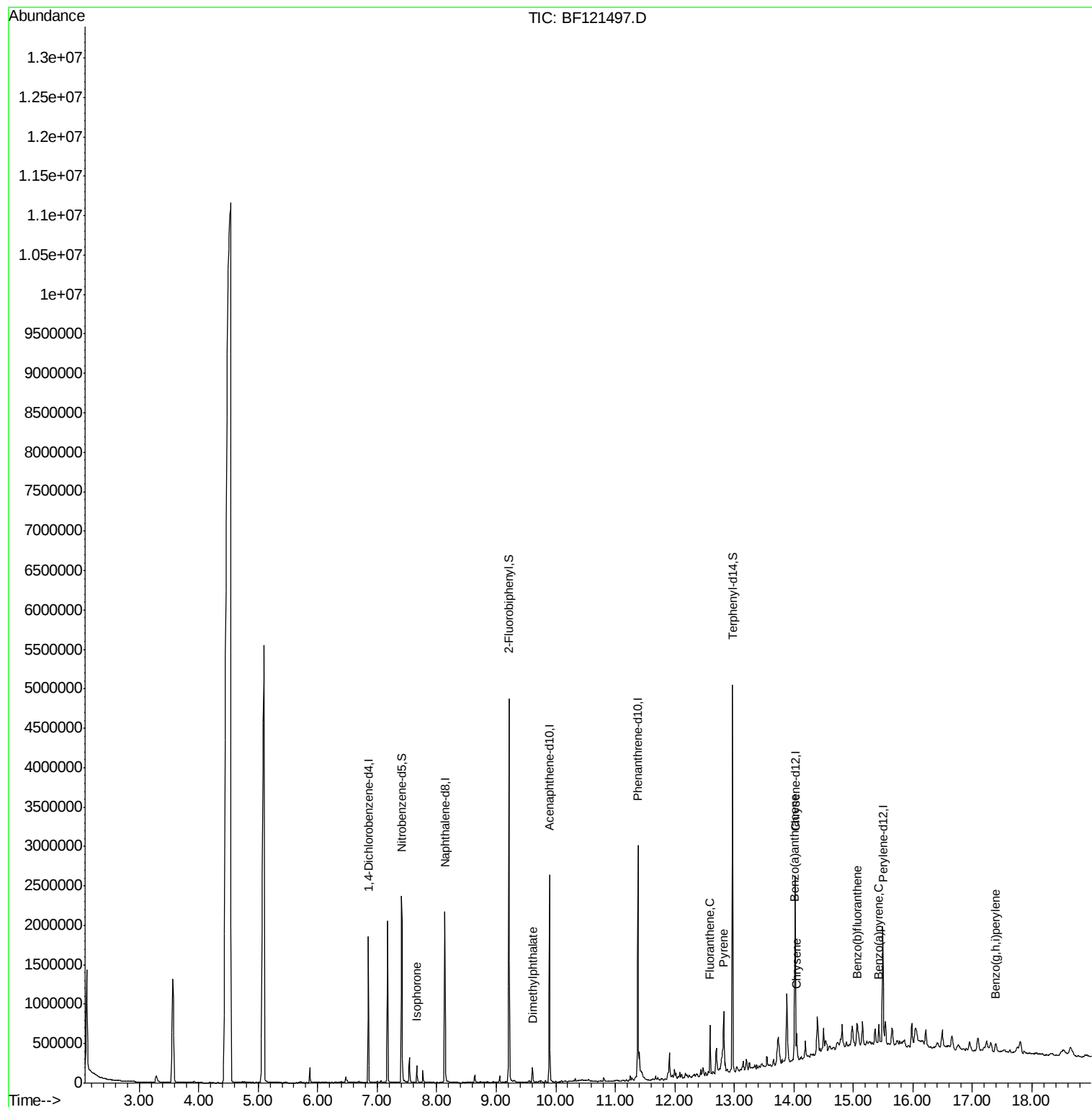
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090120\
Data File : BF121497.D
Acq On : 1 Sep 2020 15:29
Operator : JU/CG
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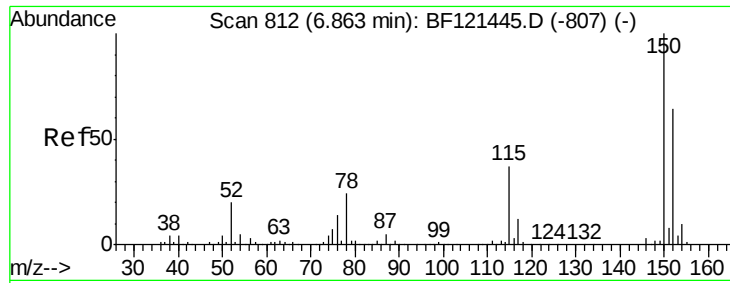
Instrument :
BNA_F
ClientSampleId :
LINDEN-BH-01-A

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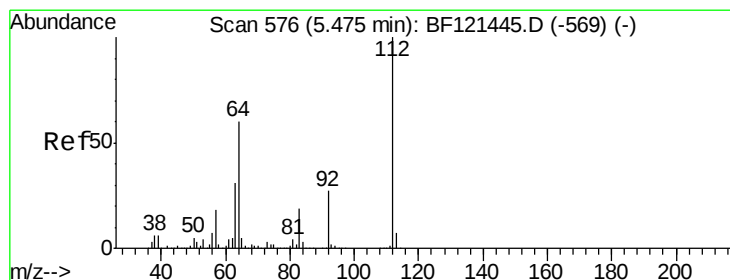
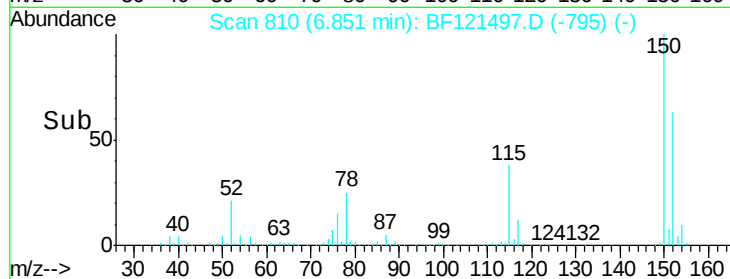
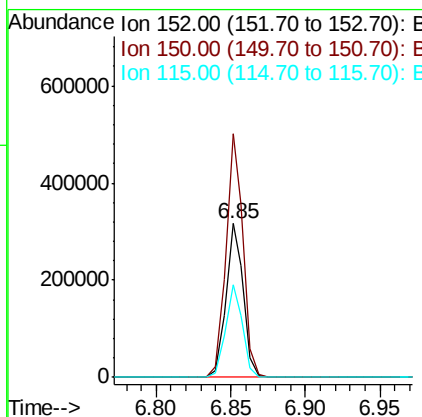
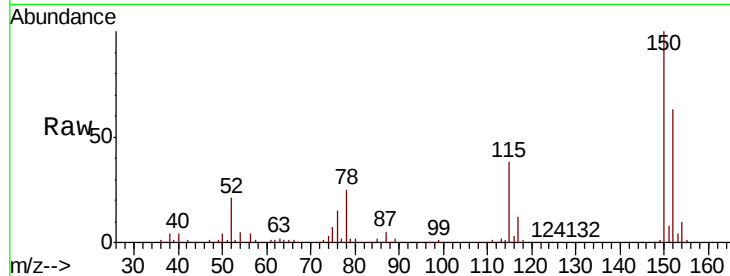
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.85 min Scan# 810
 Delta R.T. -0.01 min
 Lab File: BF121497.D
 Acq: 1 Sep 2020 15:29

Instrument :
 BNA_F
 ClientSampleId :
 LINDEN-BH-01-A

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.4	125.8	188.6
115	60.7	46.6	69.8

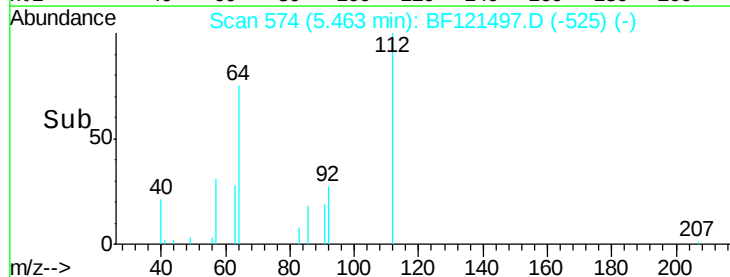
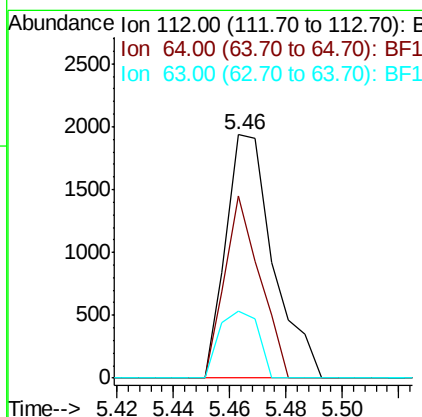
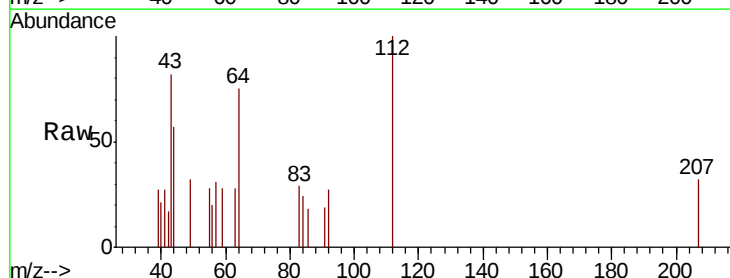
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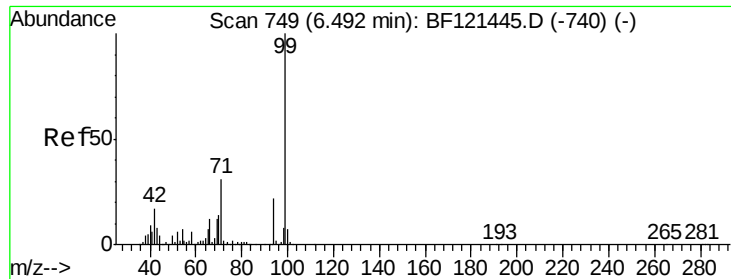
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#5
 2-Fluorophenol
 Concen: 0.146 ng
 RT: 5.46 min Scan# 574
 Delta R.T. -0.01 min
 Lab File: BF121497.D
 Acq: 1 Sep 2020 15:29

Tgt Ion	Ratio	Lower	Upper
112	100		
64	75.0	48.2	72.2#
63	27.7	24.8	37.2





#7

Phenol-d6

Concen: 1.288 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.02 min

Lab File: BF121497.D

Acq: 1 Sep 2020 15:29

Instrument :

BNA_F

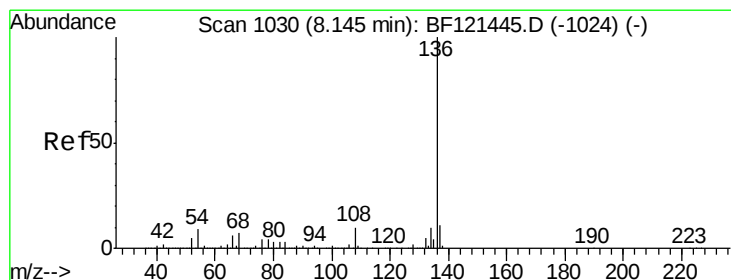
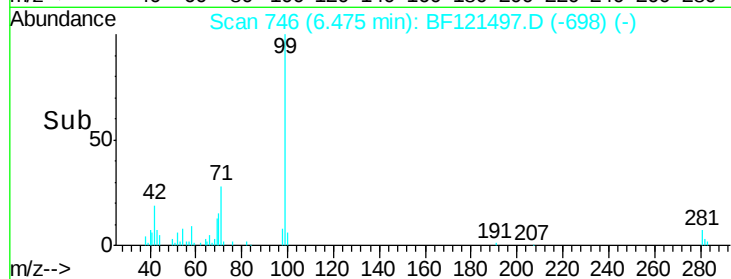
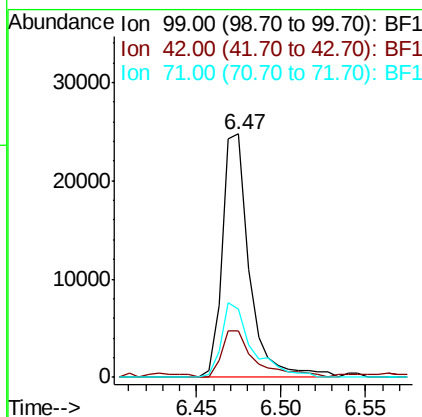
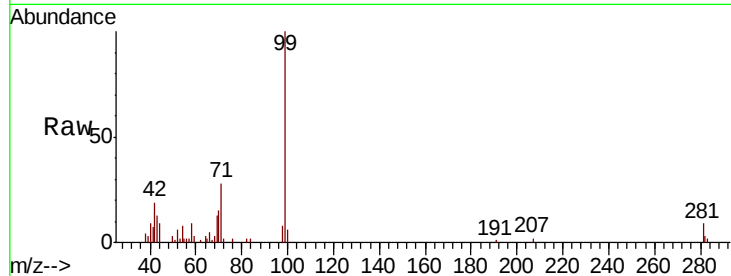
ClientSampleId :

LINDEN-BH-01-A

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		27788		
42	19.3	13.5	20.3		
71	28.0	24.6	37.0		

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#21

Naphthalene-d8

Concen: 20.000 ng

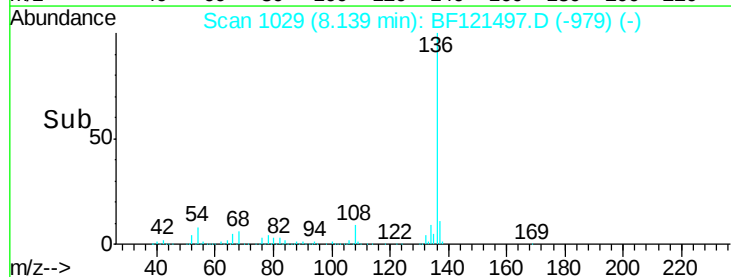
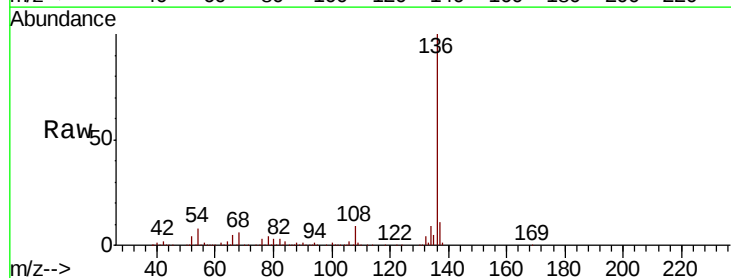
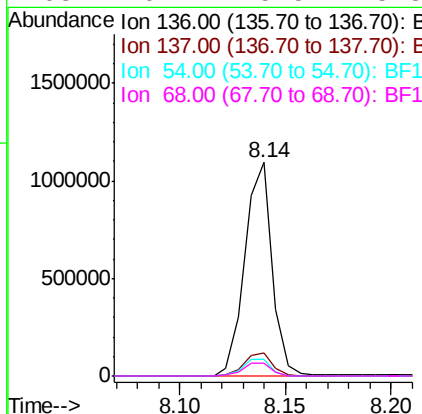
RT: 8.14 min Scan# 1029

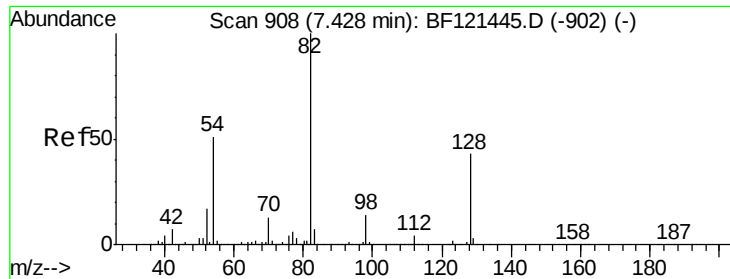
Delta R.T. -0.01 min

Lab File: BF121497.D

Acq: 1 Sep 2020 15:29

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
136	100		983754		
137	10.9	9.1	13.7		
54	7.6	7.0	10.4		
68	6.1	5.5	8.3		





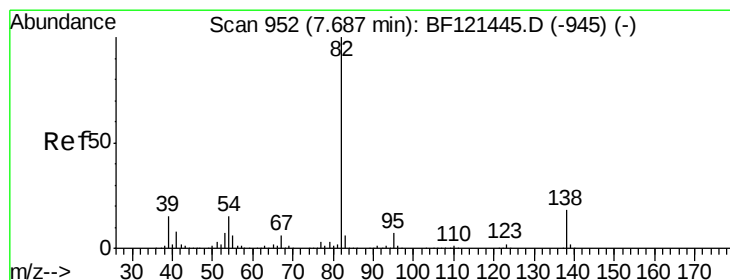
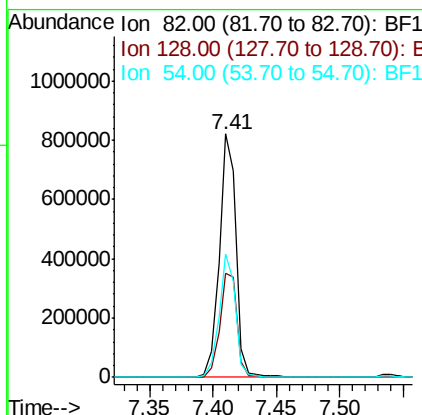
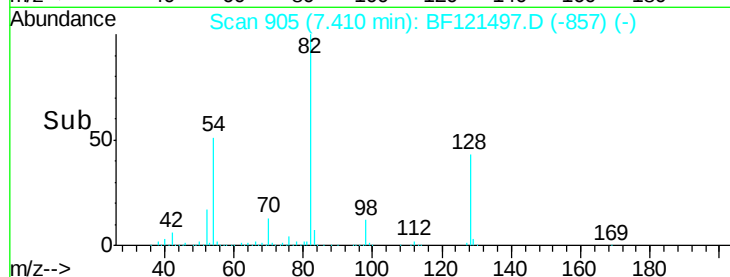
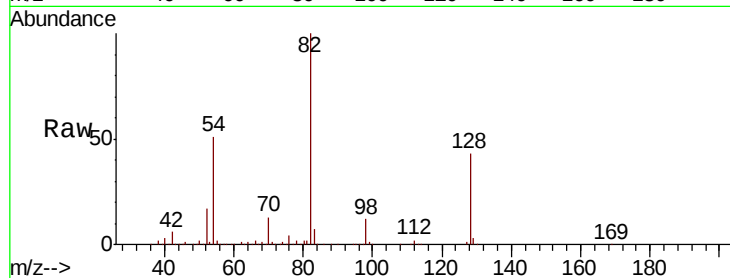
#23
Nitrobenzene-d5
Concen: 52.310 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.02 min
Lab File: BF121497.D
Acq: 1 Sep 2020 15:29

Instrument :
BNA_F
ClientSampleId :
LINDEN-BH-01-A

Tot Ion:	82	Resp:	752717
Ion Ratio	Lower	Upper	
82	100		
128	42.9	34.1	51.1
54	50.6	41.0	61.6

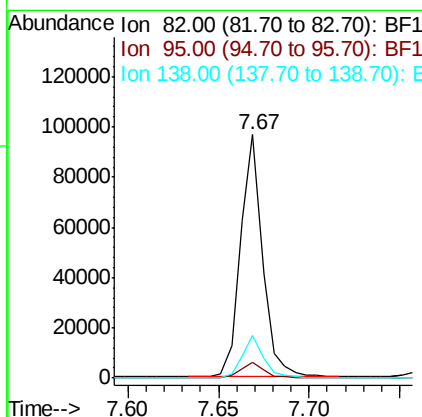
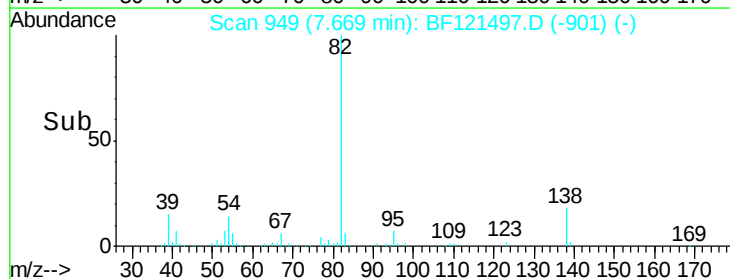
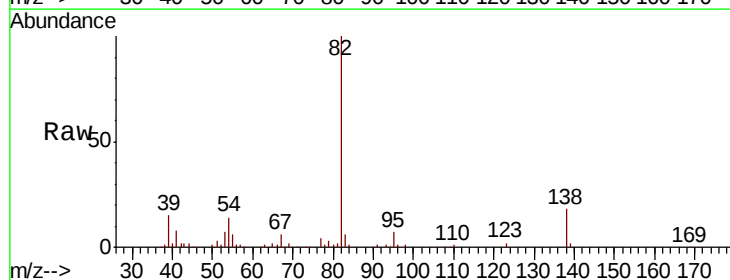
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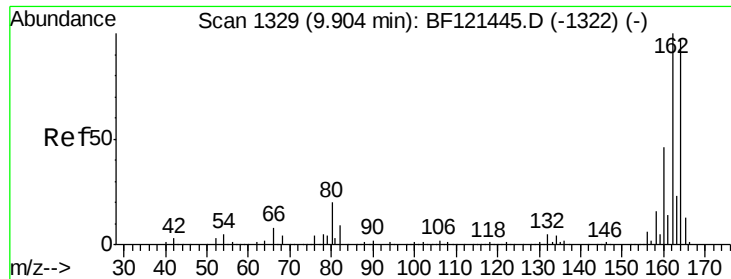
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#25
Isophorone
Concen: 2.515 ng
RT: 7.67 min Scan# 949
Delta R.T. -0.02 min
Lab File: BF121497.D
Acq: 1 Sep 2020 15:29

Tgt Ion:	82	Resp:	81402
Ion Ratio	Lower	Upper	
82	100		
95	6.7	5.6	8.4
138	17.6	14.8	22.2





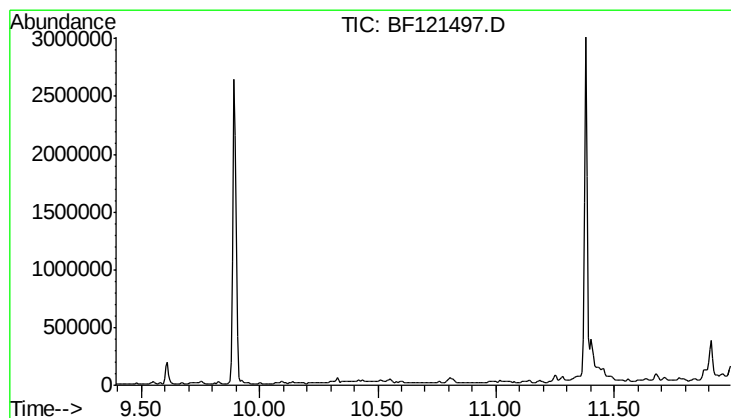
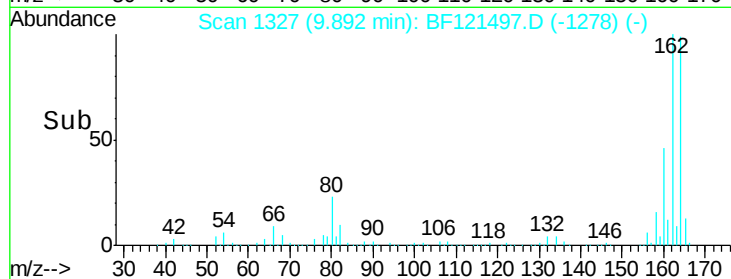
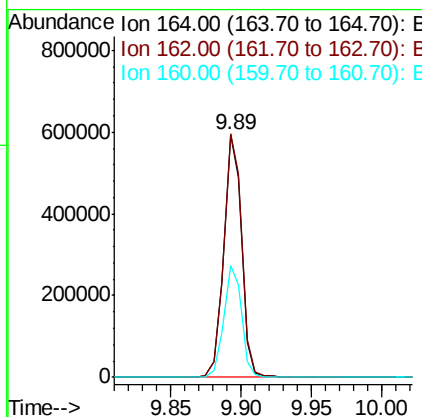
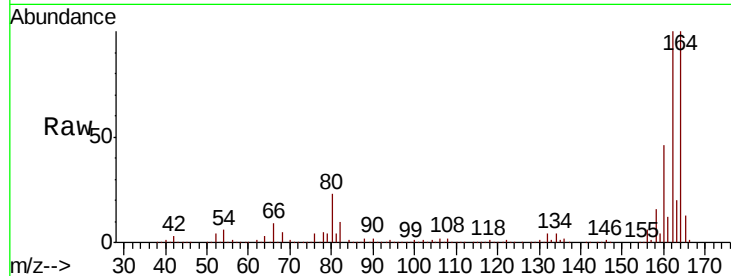
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.89 min Scan# 1327
 Delta R.T. -0.01 min
 Lab File: BF121497.D
 Acq: 1 Sep 2020 15:29

Instrument :
 BNA_F
 ClientSampleId :
 LINDEN-BH-01-A

Tot Ion:	164	Resp:	516472
Ion Ratio	Lower	Upper	
164	100		
162	100.3	82.4	123.6
160	45.9	37.6	56.4

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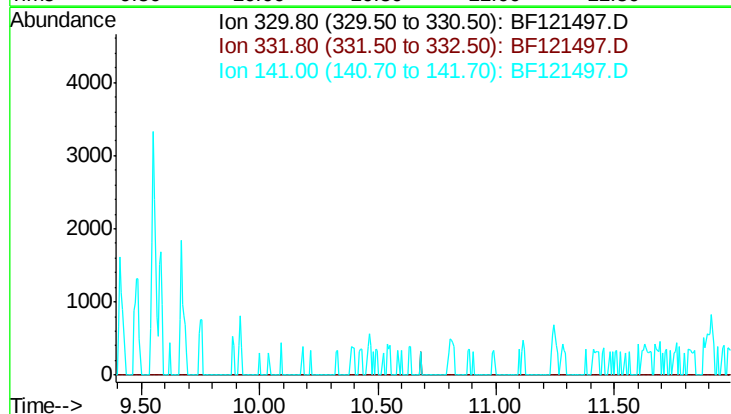
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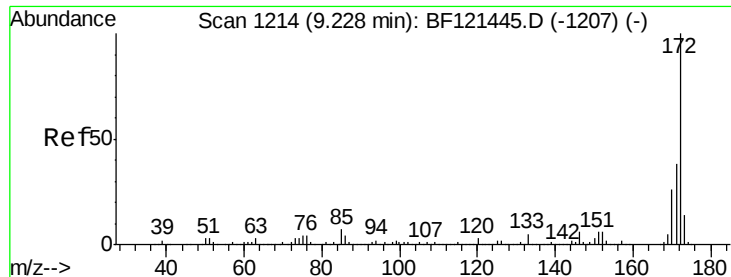


#42
 2,4,6-Tribromophenol
 Concen: 0.000 ng
 Expected RT: 10.69 min

Lab File: BF121497.D
 Acq: 1 Sep 2020 15:29

Tgt Ion:	330
Sig	Exp Ratio
330	100
332	95.2
141	30.7





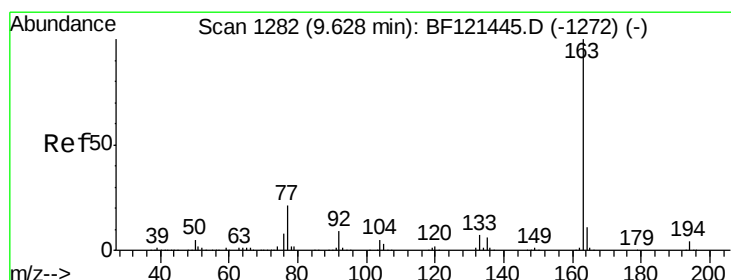
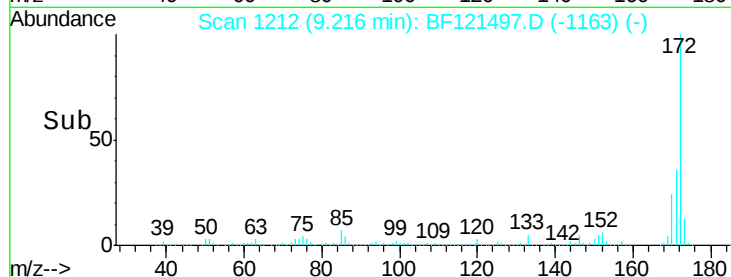
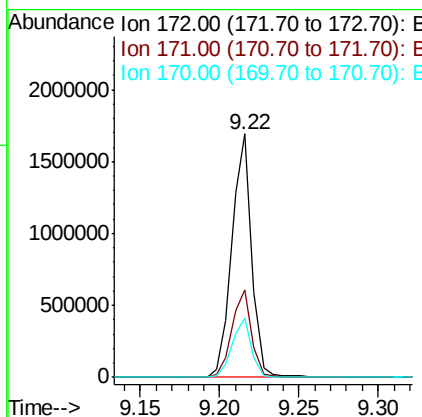
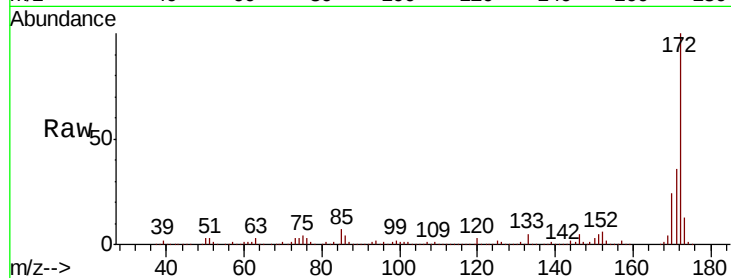
#45
2-Fluorobiphenyl
Concen: 45.920 ng
RT: 9.22 min Scan# 1212
Delta R.T. -0.01 min
Lab File: BF121497.D
Acq: 1 Sep 2020 15:29

Instrument :
BNA_F
ClientSampleId :
LINDEN-BH-01-A

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.0	30.6	45.8
170	24.2	20.6	31.0

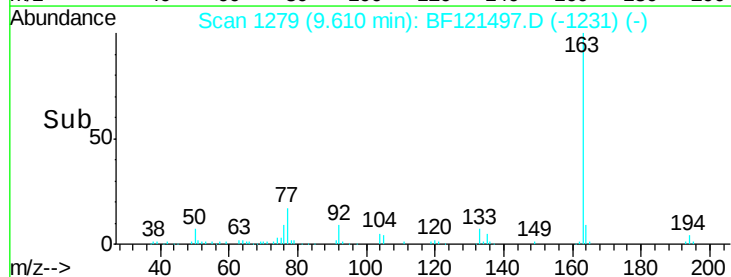
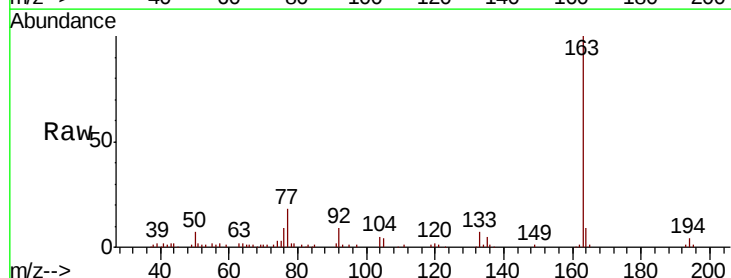
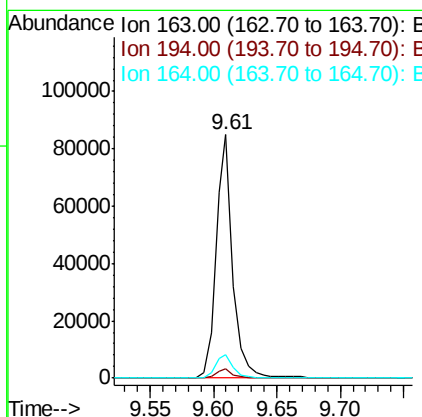
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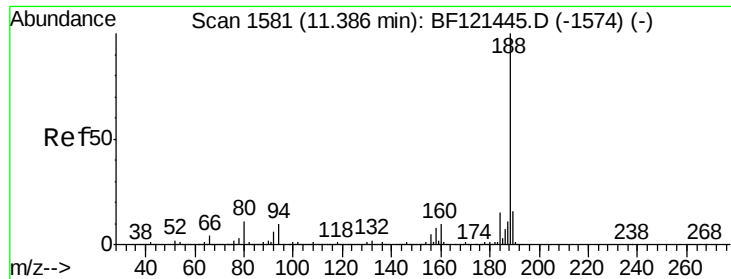
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#50
Dimethylphthalate
Concen: 2.190 ng
RT: 9.61 min Scan# 1279
Delta R.T. -0.02 min
Lab File: BF121497.D
Acq: 1 Sep 2020 15:29

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.8	3.3	4.9
164	9.5	8.6	12.8





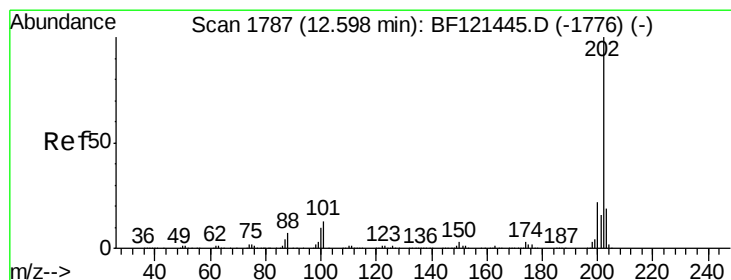
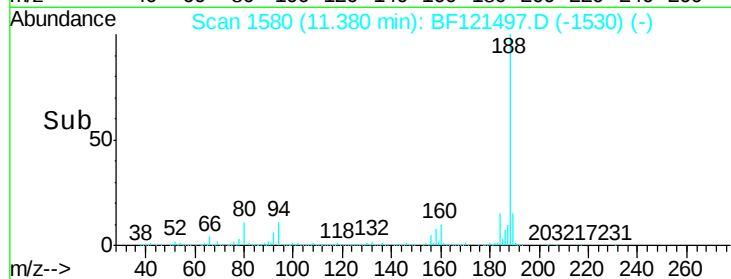
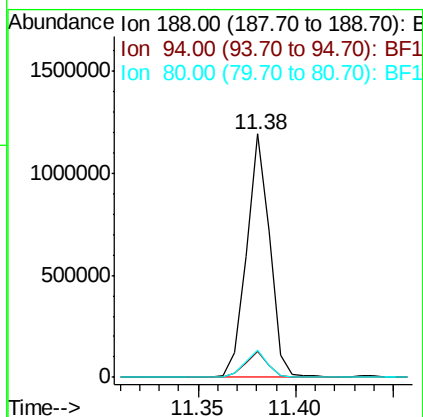
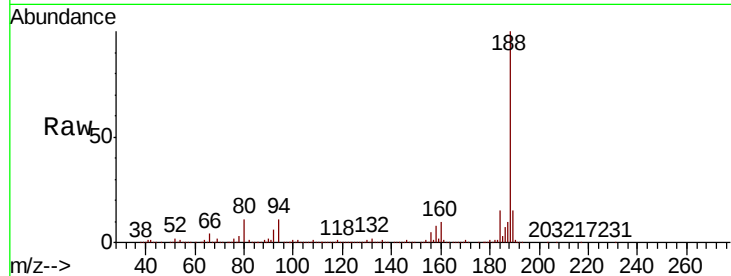
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.38 min Scan# 1580
Delta R.T. -0.01 min
Lab File: BF121497.D
Acq: 1 Sep 2020 15:29

Instrument :
BNA_F
ClientSampleId :
LINDEN-BH-01-A

Tot Ion	Ratio	Resp	Lower	Upper
188	100	978769		
94	10.9		8.3	12.5
80	11.3		8.6	13.0

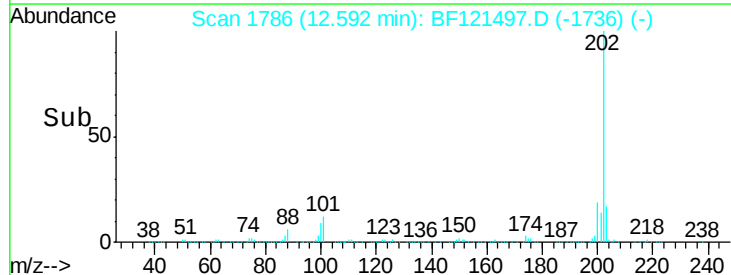
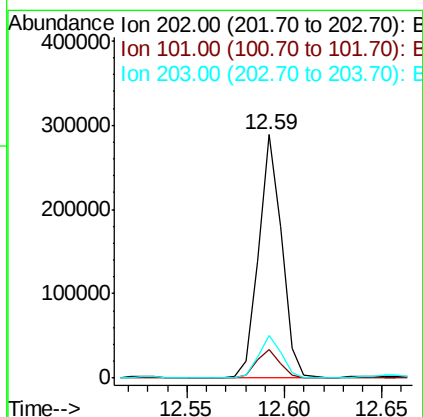
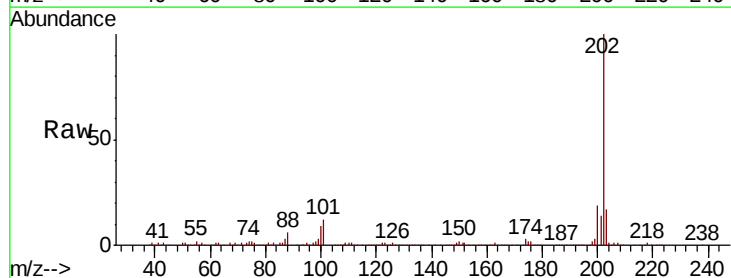
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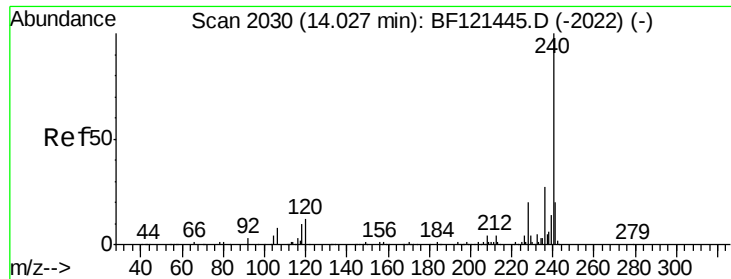
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#75
Fluoranthene
Concen: 4.351 ng
RT: 12.59 min Scan# 1786
Delta R.T. -0.01 min
Lab File: BF121497.D
Acq: 1 Sep 2020 15:29

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	235541		
101	11.7		0.0	33.3
203	17.3		0.0	39.1





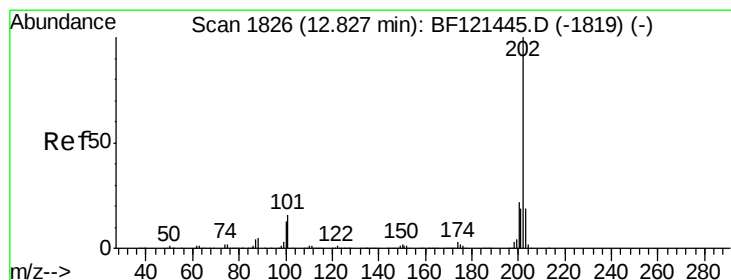
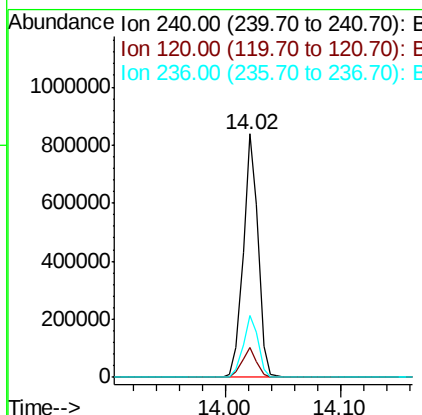
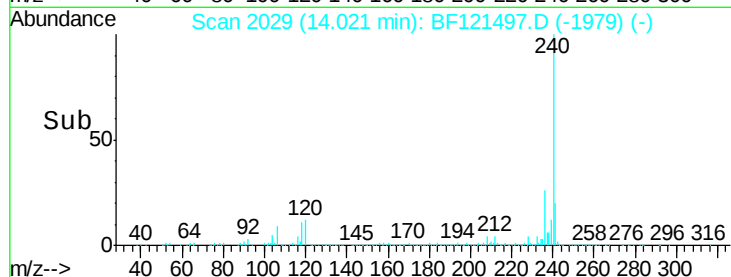
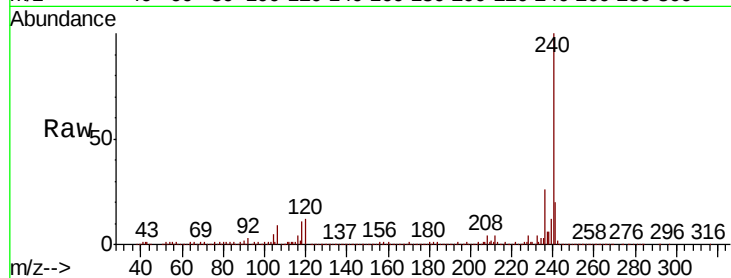
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.02 min Scan# 2029
Delta R.T. -0.01 min
Lab File: BF121497.D
Acq: 1 Sep 2020 15:29

Instrument :
BNA_F
ClientSampleId :
LINDEN-BH-01-A

Tot Ion	Ratio	Lower	Upper
240	100		
120	12.1	9.5	14.3
236	25.6	21.8	32.6

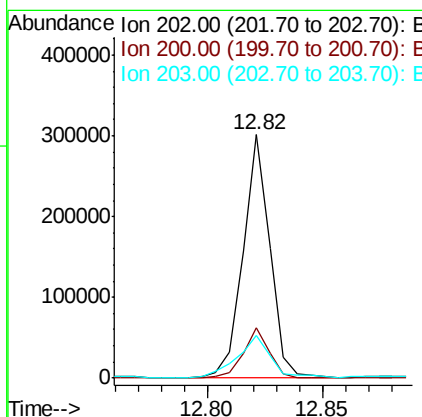
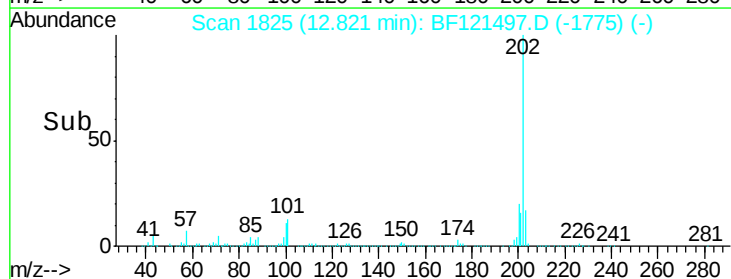
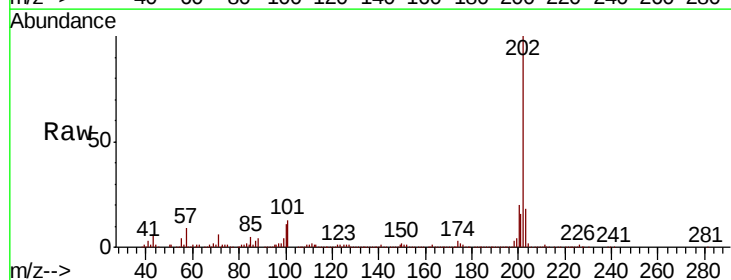
Manual Integrations
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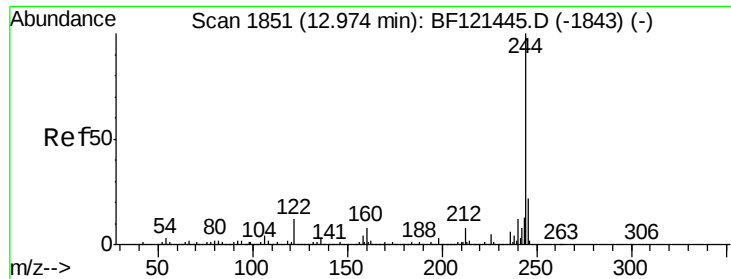
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#78
Pyrene
Concen: 4.604 ng
RT: 12.82 min Scan# 1825
Delta R.T. -0.01 min
Lab File: BF121497.D
Acq: 1 Sep 2020 15:29

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.4	18.0	27.0
203	17.7	15.3	22.9





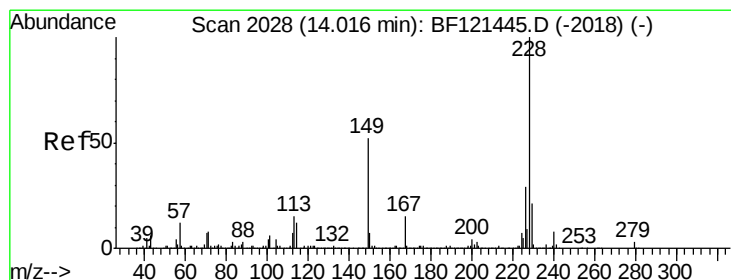
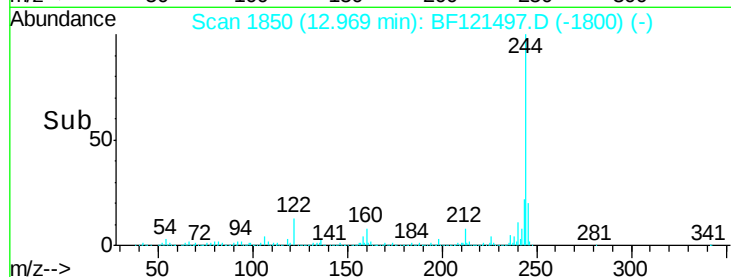
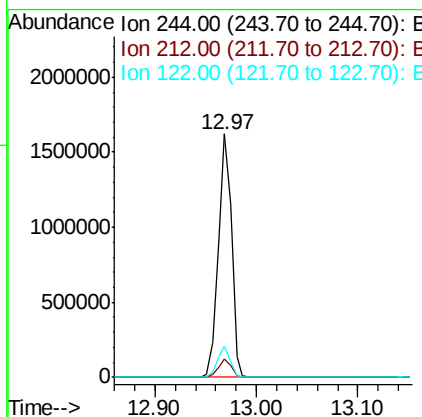
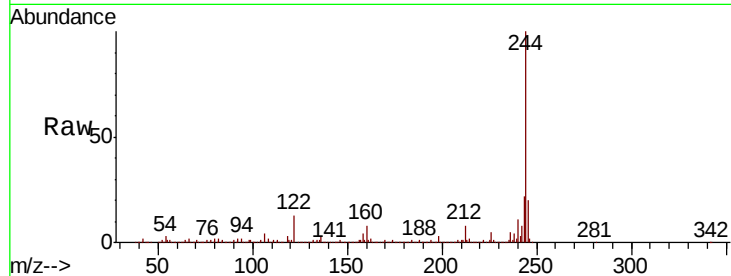
#79
 Terphenyl-d14
 Concen: 41.654 ng
 RT: 12.97 min Scan# 1850
 Delta R.T. -0.01 min
 Lab File: BF121497.D
 Acq: 1 Sep 2020 15:29

Instrument :
 BNA_F
 ClientSampleId :
 LINDEN-BH-01-A

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.6	6.3	9.5
122	12.8	9.5	14.3

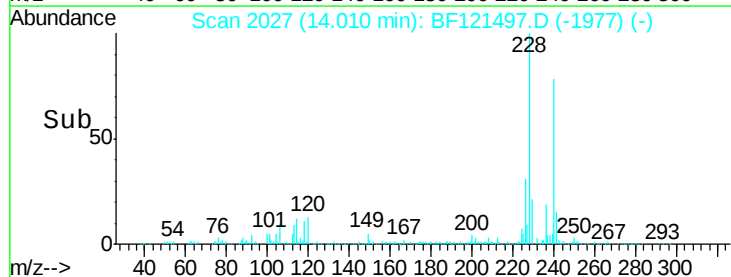
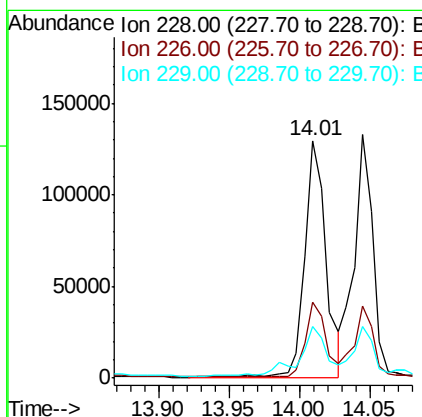
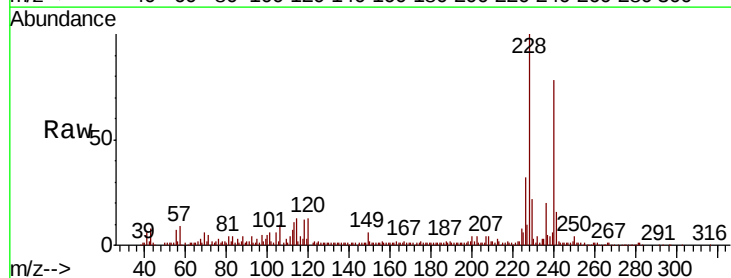
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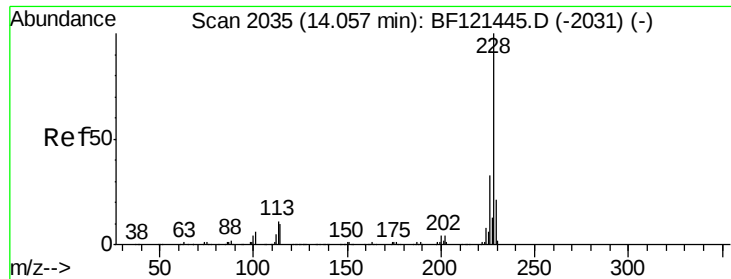
mohammad
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#81
 Benzo(a)anthracene
 Concen: 2.977 ng
 RT: 14.01 min Scan# 2027
 Delta R.T. -0.01 min
 Lab File: BF121497.D
 Acq: 1 Sep 2020 15:29

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.8	23.0	34.4
229	21.8	16.6	24.8





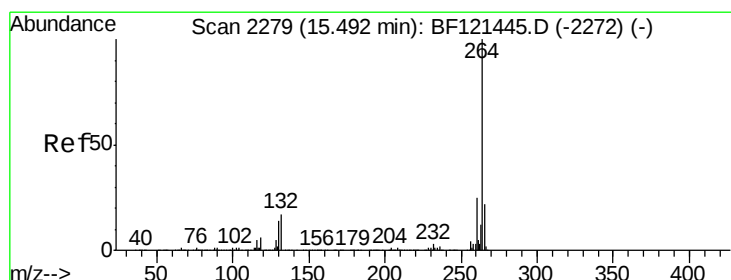
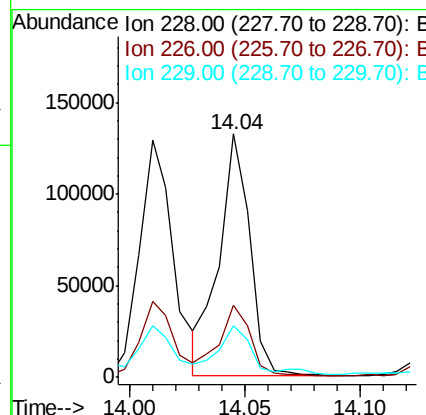
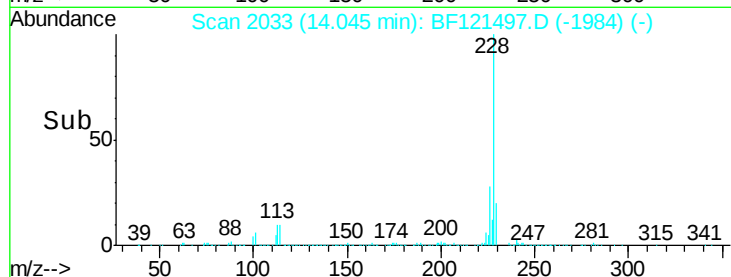
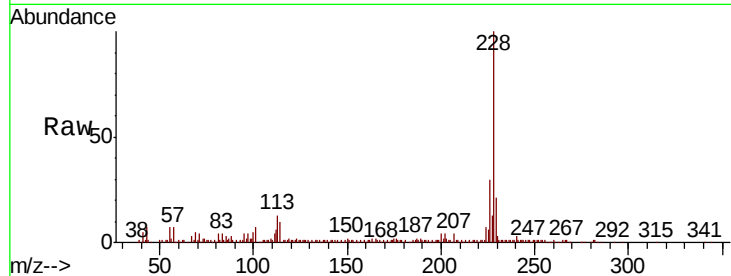
#83
Chrysene
Concen: 2.703 ng
RT: 14.04 min Scan# 2033
Delta R.T. -0.01 min
Lab File: BF121497.D
Acq: 1 Sep 2020 15:29

Instrument :
BNA_F
ClientSampleId :
LINDEN-BH-01-A

Tot Ion:	228	Resp:	122514
Ion Ratio	Lower	Upper	
228	100		
226	29.8	26.2	39.2
229	21.4	16.6	25.0

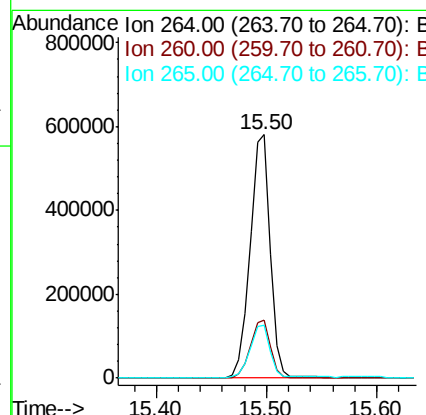
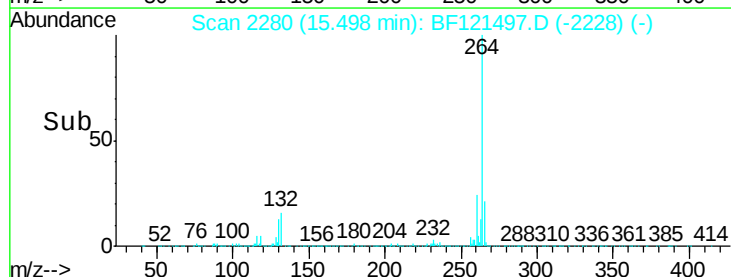
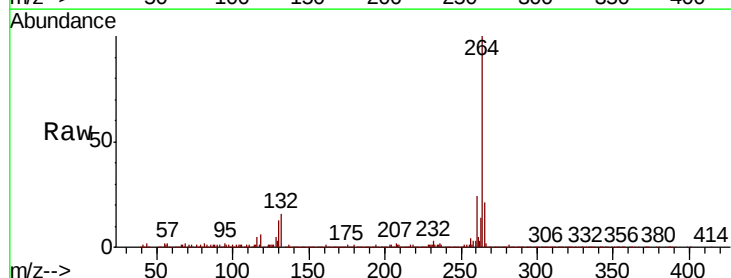
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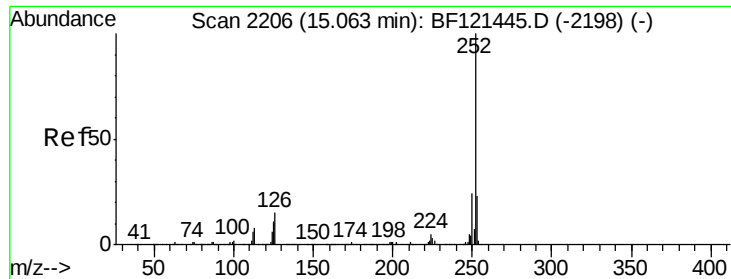
mohammad
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#86
Perylene-d12
Concen: 20.000 ng
RT: 15.50 min Scan# 2280
Delta R.T. 0.01 min
Lab File: BF121497.D
Acq: 1 Sep 2020 15:29

Tgt Ion:	264	Resp:	737675
Ion Ratio	Lower	Upper	
264	100		
260	23.9	19.6	29.4
265	21.5	17.8	26.6





#88

Benzo(b)fluoranthene

Concen: 3.387 ng m

RT: 15.06 min Scan# 2206

Delta R.T. 0.00 min

Lab File: BF121497.D

Acq: 1 Sep 2020 15:29

Instrument :

BNA_F

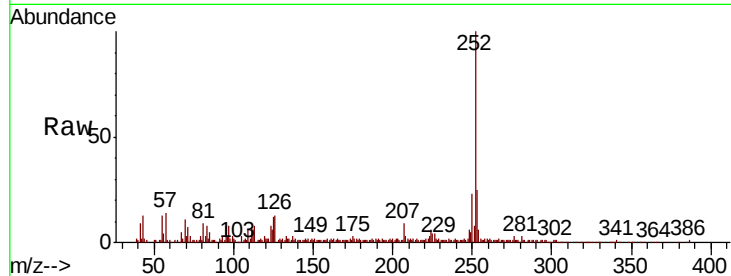
ClientSampleId :

LINDEN-BH-01-A

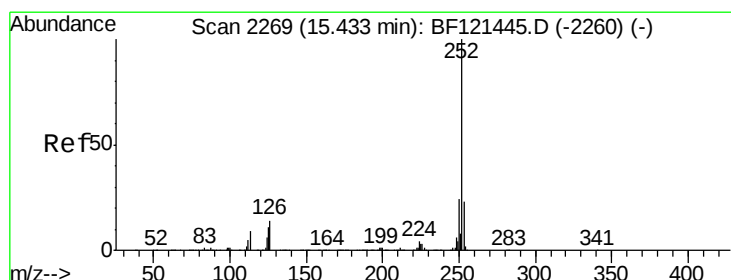
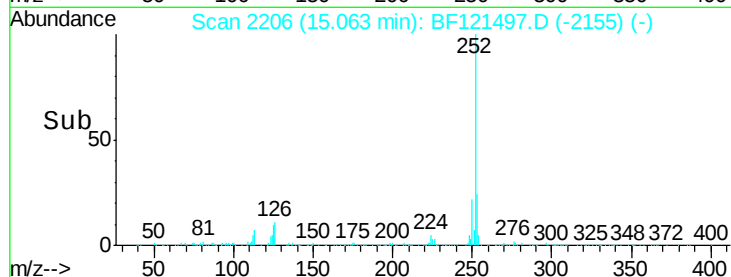
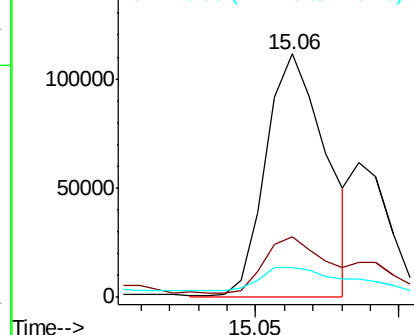
Tot Ion:	252	Resp:	162546
Ion Ratio	Lower	Upper	
252	100		
253	25.0	18.3	27.5
125	12.5	9.2	13.8

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Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 2.778 ng

RT: 15.43 min Scan# 2268

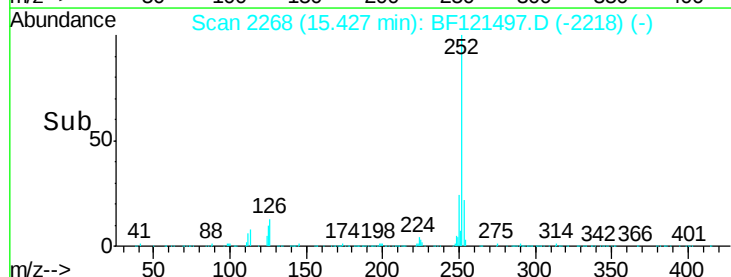
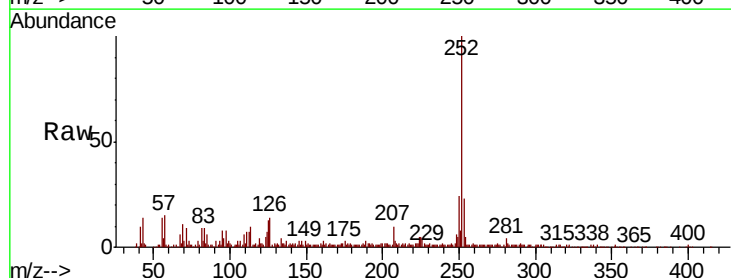
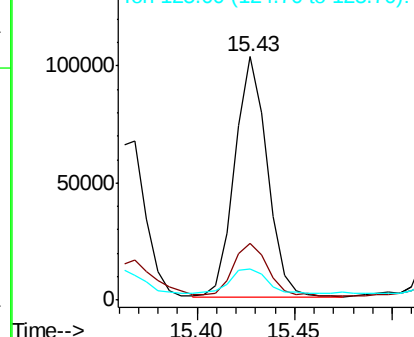
Delta R.T. -0.01 min

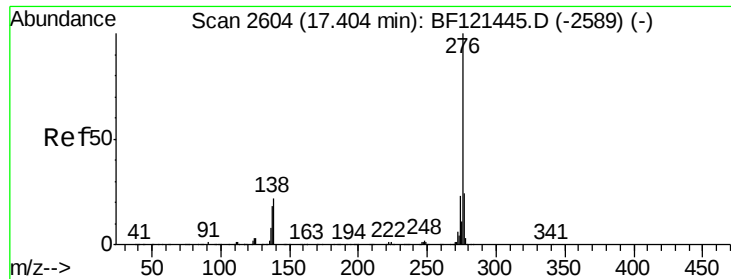
Lab File: BF121497.D

Acq: 1 Sep 2020 15:29

Tgt Ion:	252	Resp:	119861
Ion Ratio	Lower	Upper	
252	100		
253	23.2	18.0	27.0
125	13.0	9.0	13.4

Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#92
 Benzo(a,h,i)perylene
 Concen: 2.223 ng
 RT: 17.39 min Scan# 2602
 Delta R.T. -0.01 min
 Lab File: BF121497.D
 Acq: 1 Sep 2020 15:29

Instrument :
 BNA_F
 ClientSampleId :
 LINDEN-BH-01-A

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.7	18.9	28.3
138	25.0	17.4	26.0

Manual Integrations
 APPROVED

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