Quantitation Report (LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF063025\
Data File : BF142920.D
Acq On : 30 Jun 2025 17:42
Operator : RC/JU
Sample : Q2430-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MH-E/F

Quant Time: Jun 30 18:44:31 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 24 05:28:21 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	68425	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	258431	20.000	ng	-0.01
39) Acenaphthene-d10	9.916	164	133506	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	220715	20.000	ng	0.00
76) Chrysene-d12	14.045	240	130928	20.000	ng	-0.01
86) Perylene-d12	15.539	264	139395	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.492	112	394470	95.983	ng	0.00
7) Phenol-d6	6.504	99	461690	95.218	ng	0.00
23) Nitrobenzene-d5	7.434	82	286565	60.822	ng	-0.01
42) 2,4,6-Tribromophenol	10.704	330	126568	92.125	ng	-0.01
45) 2-Fluorobiphenyl	9.233	172	611085	60.130	ng	-0.01
79) Terphenyl-d14	12.992	244	533552	56.307	ng	0.00
Target Compounds						Qvalue

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

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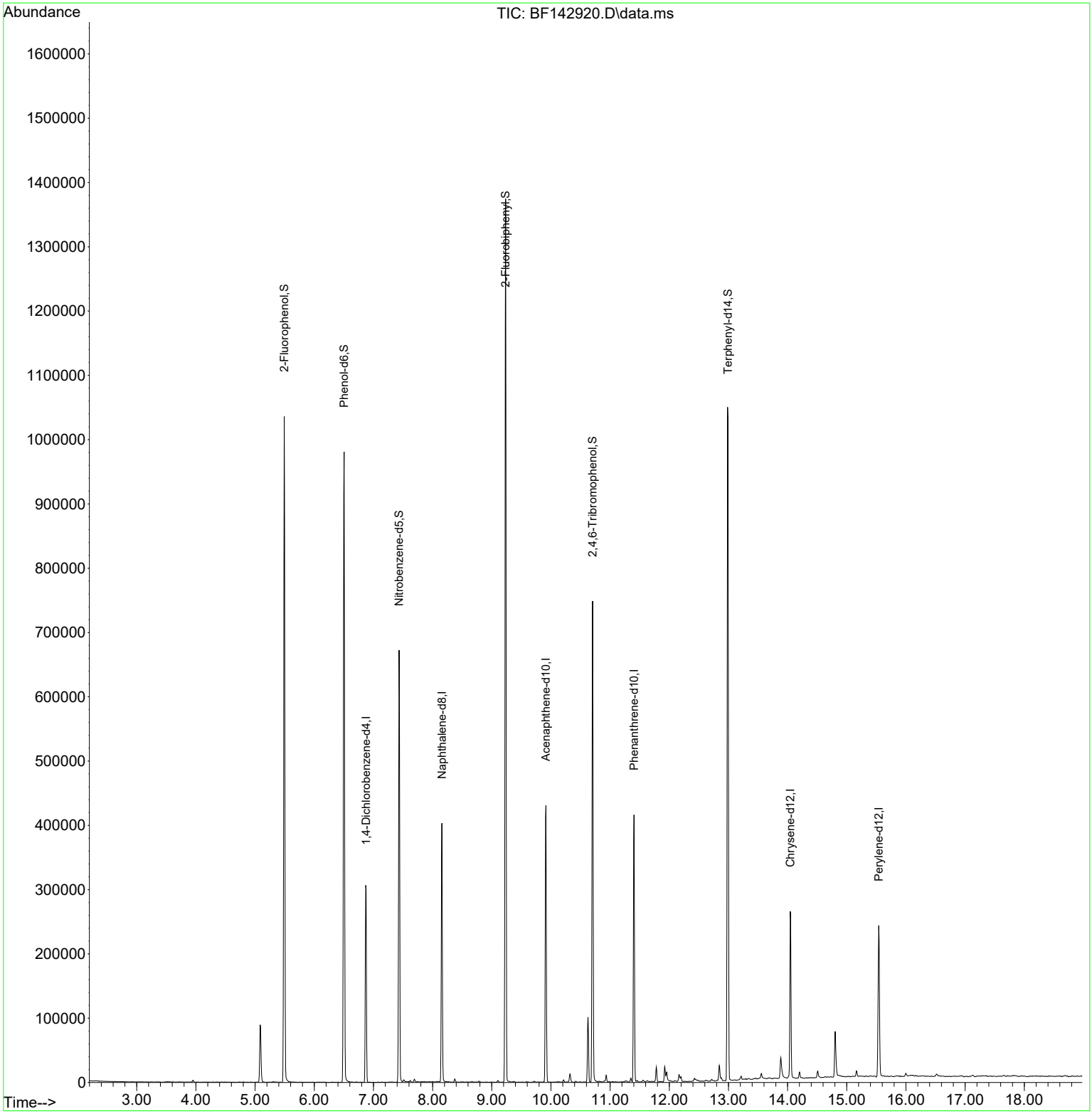
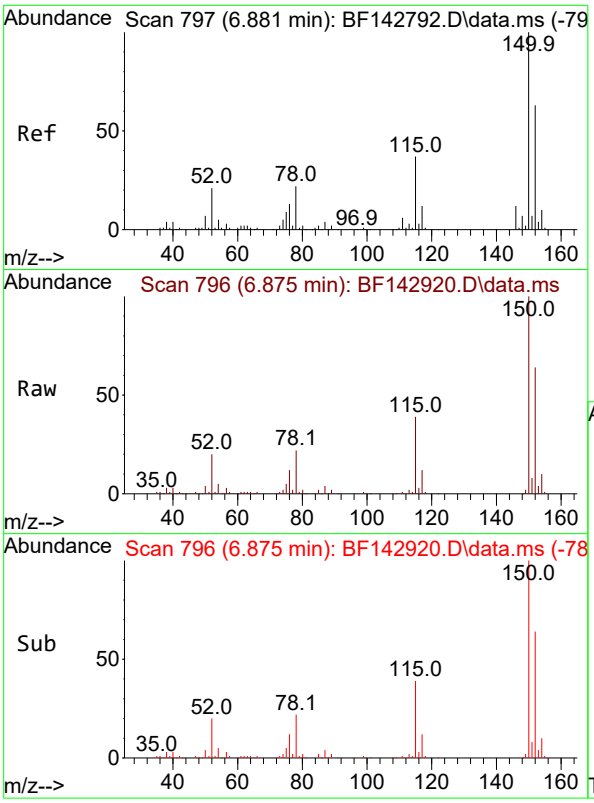


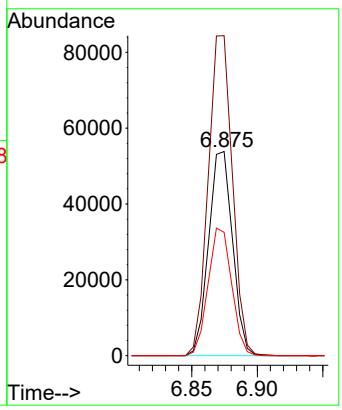


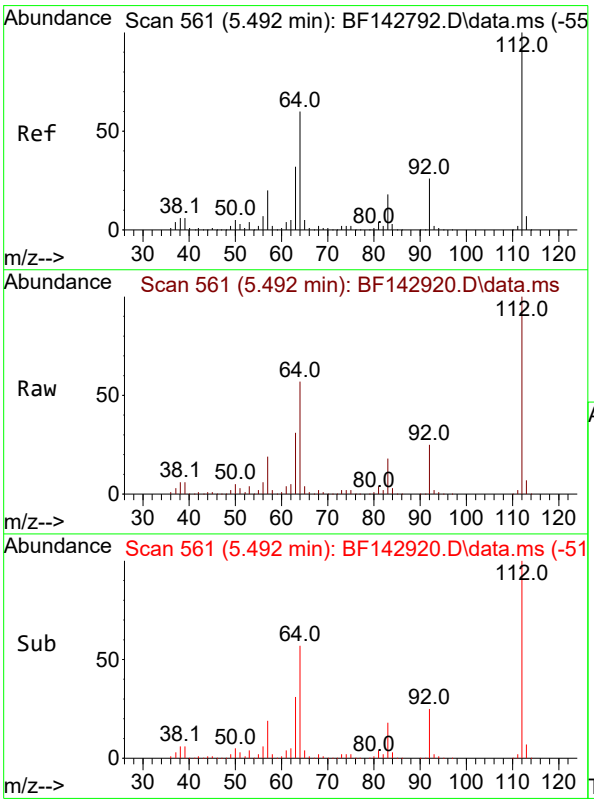
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF142920.D
Acq: 30 Jun 2025 17:42

Instrument :
BNA_F
ClientSampleId :
MH-E/F

Tgt Ion:152 Resp: 68425

Ion	Ratio	Lower	Upper
152	100		
150	156.8	127.2	190.8
115	60.5	46.6	69.8

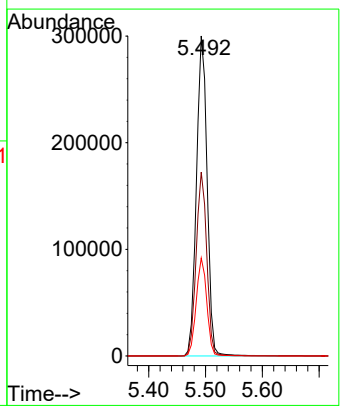


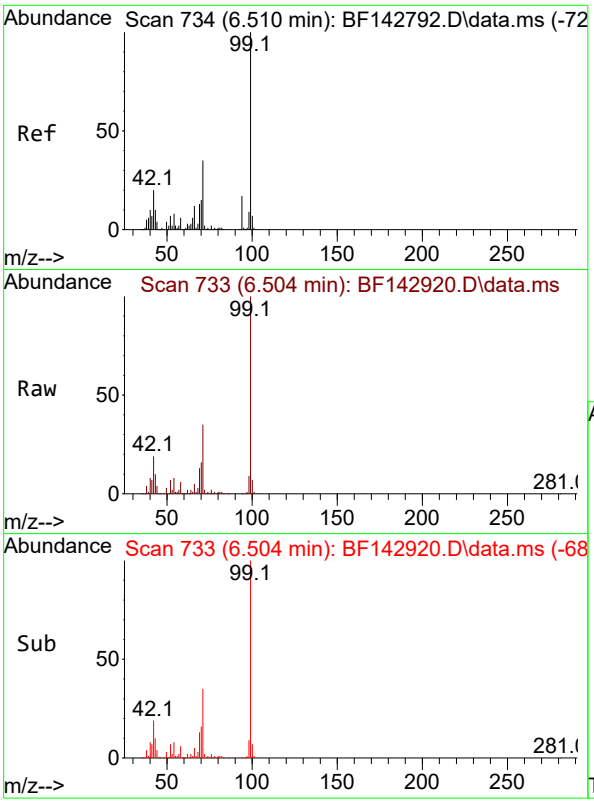


#5
2-Fluorophenol
Concen: 95.983 ng
RT: 5.492 min Scan# 561
Delta R.T. 0.000 min
Lab File: BF142920.D
Acq: 30 Jun 2025 17:42

Tgt Ion:112 Resp: 394470

Ion	Ratio	Lower	Upper
112	100		
64	57.4	48.2	72.2
63	30.6	25.7	38.5



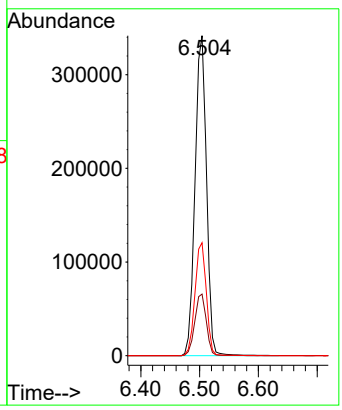


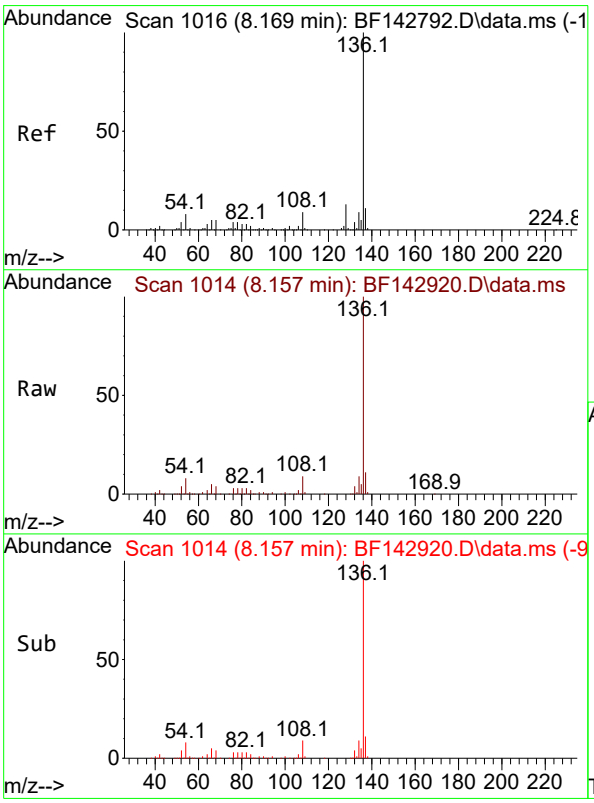
#7
Phenol-d6
Concen: 95.218 ng
RT: 6.504 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF142920.D
Acq: 30 Jun 2025 17:42

Instrument :
BNA_F
ClientSampleId :
MH-E/F

Tgt Ion: 99 Resp: 461690

Ion	Ratio	Lower	Upper
99	100		
42	19.3	15.9	23.9
71	35.3	27.8	41.8

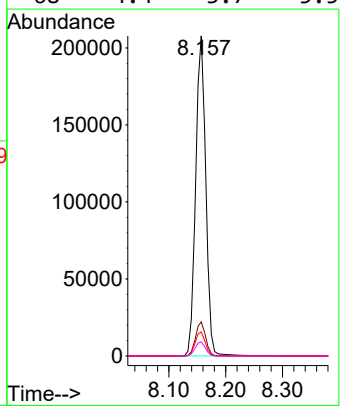


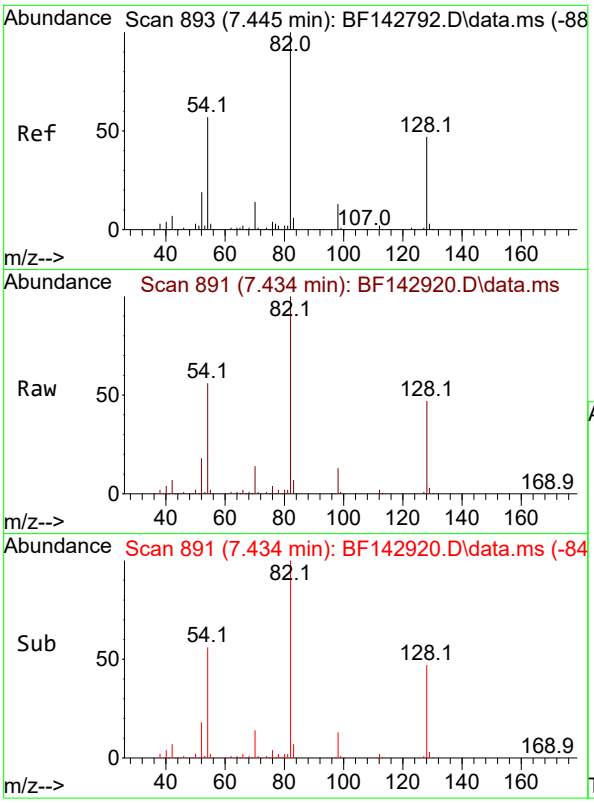


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1014
Delta R.T. -0.012 min
Lab File: BF142920.D
Acq: 30 Jun 2025 17:42

Tgt Ion:136 Resp: 258431

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.4	12.6
54	7.5	6.3	9.5
68	4.4	3.7	5.5



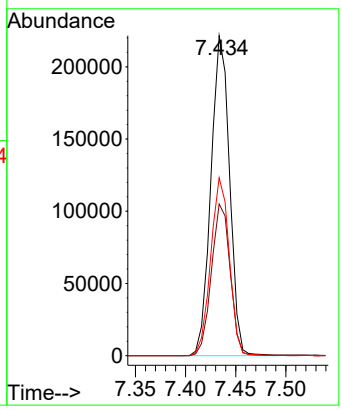


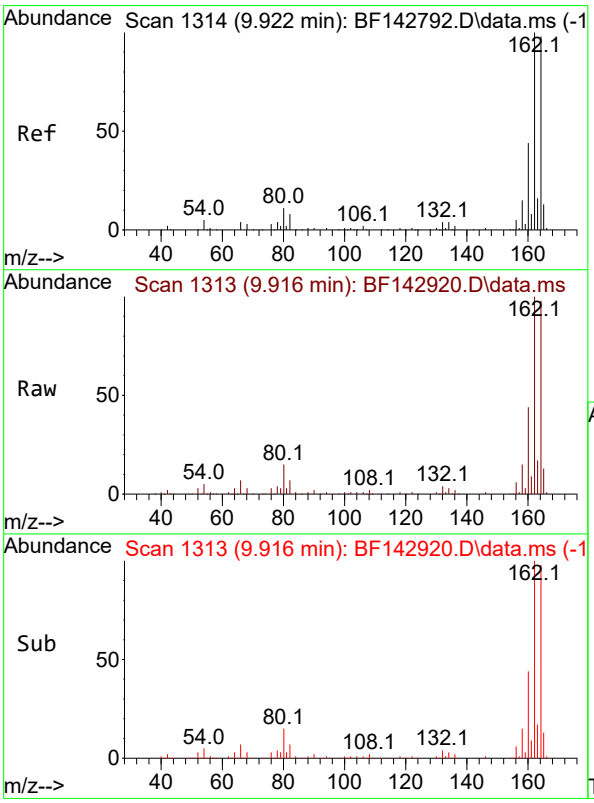
#23
Nitrobenzene-d5
Concen: 60.822 ng
RT: 7.434 min Scan# 8
Delta R.T. -0.011 min
Lab File: BF142920.D
Acq: 30 Jun 2025 17:42

Instrument :
BNA_F
ClientSampleId :
MH-E/F

Tgt Ion: 82 Resp: 286565

Ion	Ratio	Lower	Upper
82	100		
128	47.4	37.7	56.5
54	55.6	45.7	68.5

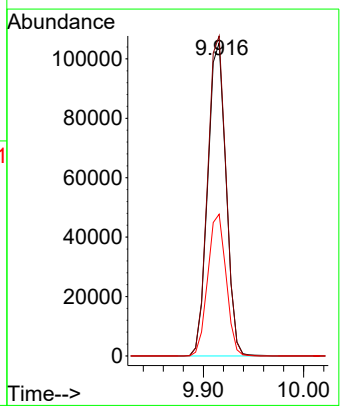


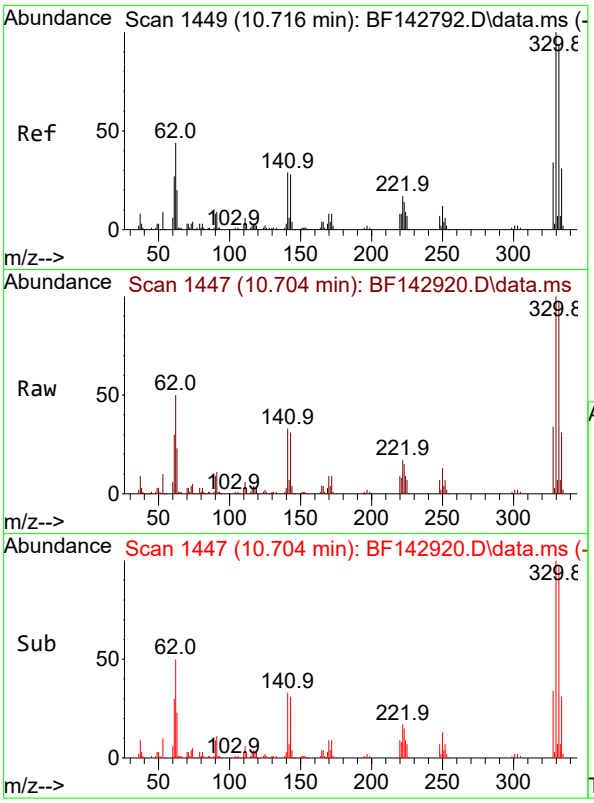


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.916 min Scan# 1313
Delta R.T. -0.006 min
Lab File: BF142920.D
Acq: 30 Jun 2025 17:42

Tgt Ion:164 Resp: 133506

Ion	Ratio	Lower	Upper
164	100		
162	102.2	81.8	122.8
160	45.3	36.0	54.0



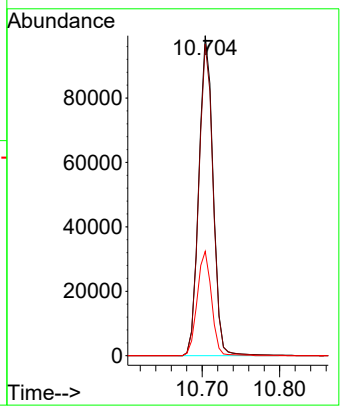


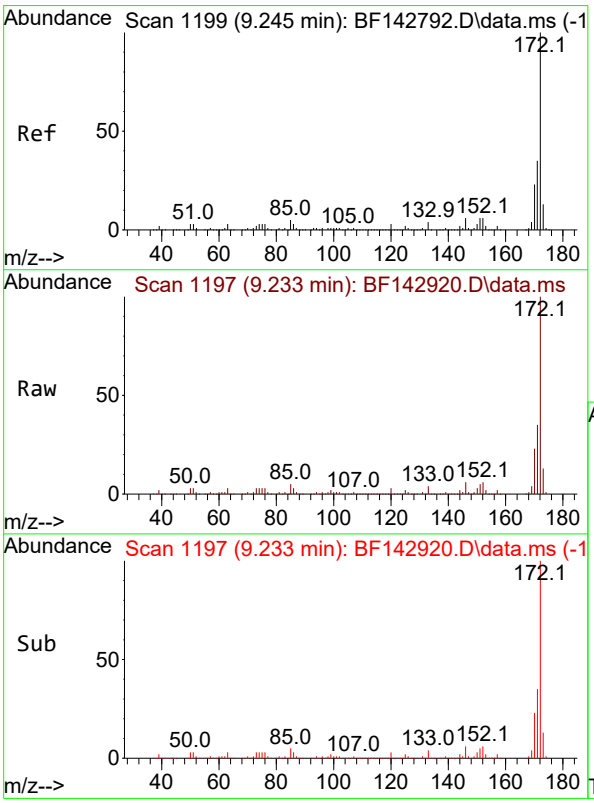
#42
2,4,6-Tribromophenol
Concen: 92.125 ng
RT: 10.704 min Scan# 14
Delta R.T. -0.012 min
Lab File: BF142920.D
Acq: 30 Jun 2025 17:42

Instrument :
BNA_F
ClientSampleId :
MH-E/F

Tgt Ion:330 Resp: 126568

Ion	Ratio	Lower	Upper
330	100		
332	97.4	75.0	112.6
141	32.7	25.3	37.9

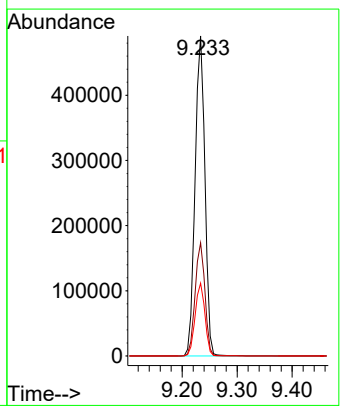


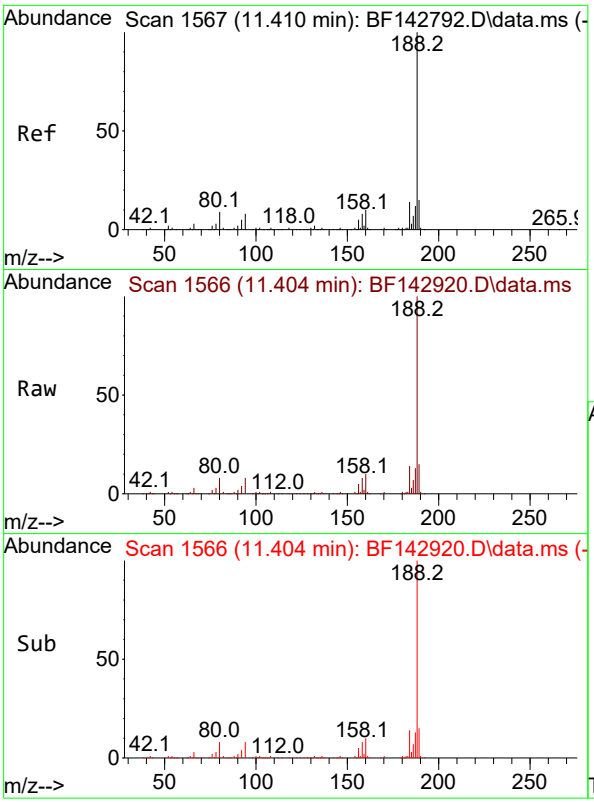


#45
2-Fluorobiphenyl
Concen: 60.130 ng
RT: 9.233 min Scan# 1197
Delta R.T. -0.012 min
Lab File: BF142920.D
Acq: 30 Jun 2025 17:42

Tgt Ion:172 Resp: 611085

Ion	Ratio	Lower	Upper
172	100		
171	35.4	28.2	42.4
170	22.7	18.5	27.7



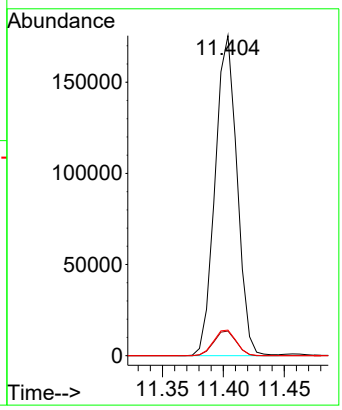


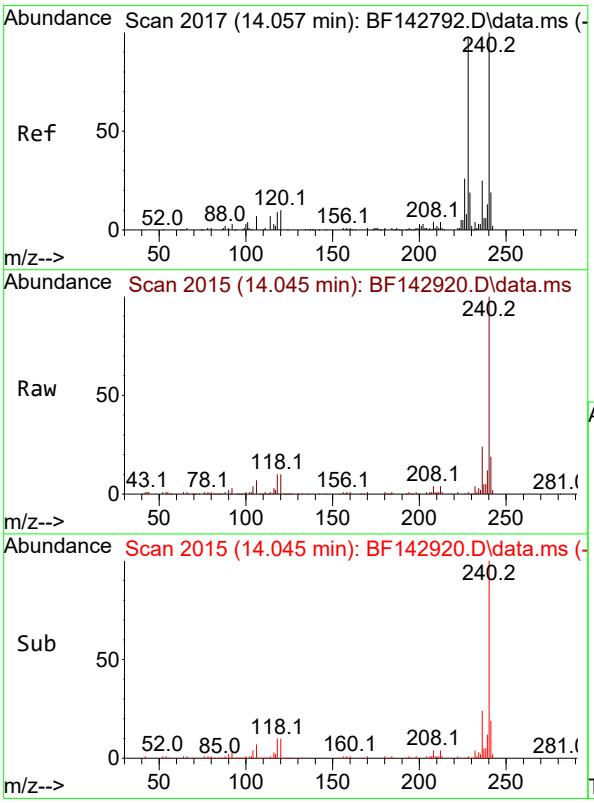
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142920.D
Acq: 30 Jun 2025 17:42

Instrument :
BNA_F
ClientSampleId :
MH-E/F

Tgt Ion:188 Resp: 220715

Ion	Ratio	Lower	Upper
188	100		
94	7.7	6.7	10.1
80	8.0	6.9	10.3

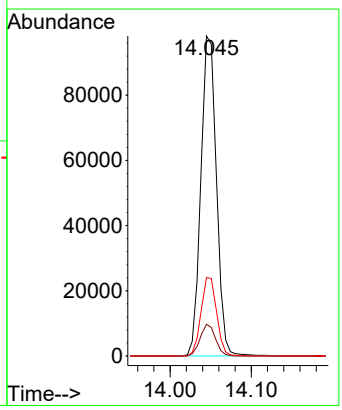


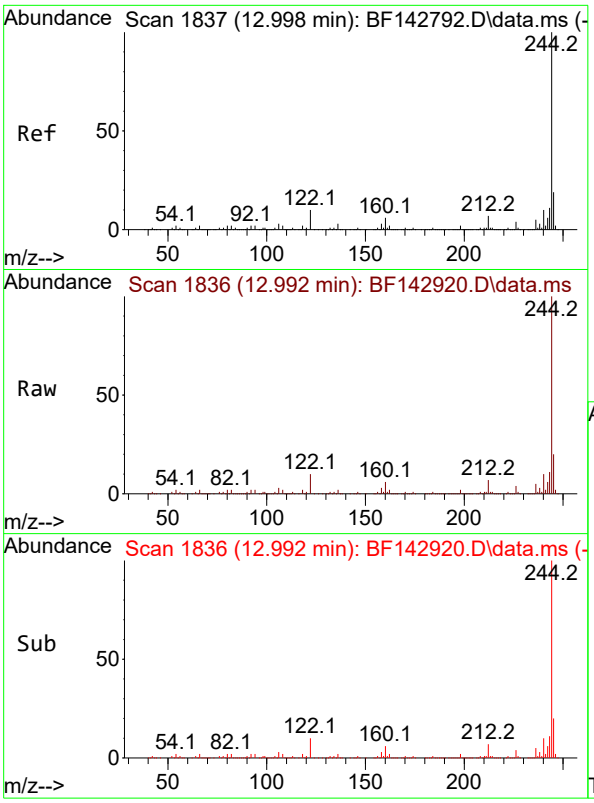


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2015
Delta R.T. -0.012 min
Lab File: BF142920.D
Acq: 30 Jun 2025 17:42

Tgt Ion:240 Resp: 130928

Ion	Ratio	Lower	Upper
240	100		
120	9.9	8.2	12.2
236	24.5	19.8	29.8



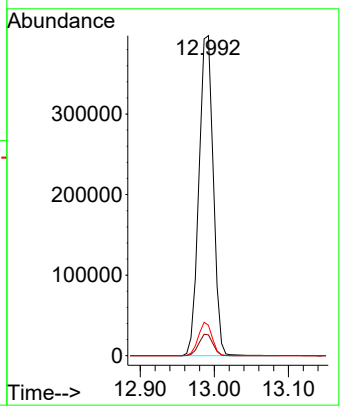


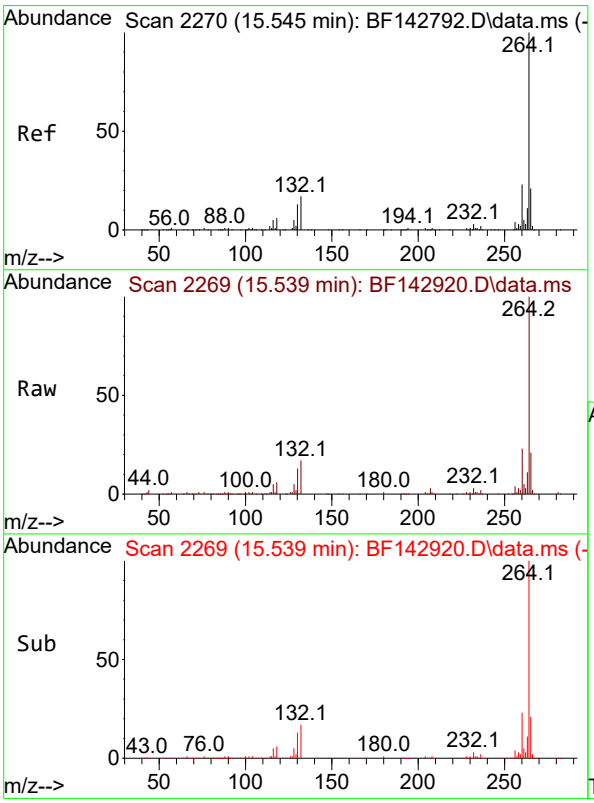
#79
Terphenyl-d14
Concen: 56.307 ng
RT: 12.992 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142920.D
Acq: 30 Jun 2025 17:42

Instrument :
BNA_F
ClientSampleId :
MH-E/F

Tgt Ion:244 Resp: 533552

Ion	Ratio	Lower	Upper
244	100		
212	6.5	5.4	8.0
122	9.5	8.2	12.2





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.539 min Scan# 2269
Delta R.T. -0.006 min
Lab File: BF142920.D
Acq: 30 Jun 2025 17:42

Tgt Ion:264 Resp: 139395

Ion	Ratio	Lower	Upper
264	100		
260	22.7	18.1	27.1
265	21.5	16.6	25.0